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JUN 29 1917

# THE DOOR Beautiful

SEVENTH  
EDITION







MORGAN



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ANTIQUATED METHOD  
OF LOGGING



SUMMER LOGGING



WINTER LOGGING



SECTION OF LOGGING TRAIN

THE CHOICEST TIMBER FROM OUR  
OWN FORESTS IS SELECTED FOR  
MORGAN DOORS. UP-TO-DATE  
AND SCIENTIFIC METHODS IN BOTH  
OUR FACTORY AND LOGGING OPERA-  
TIONS PERMIT MORGAN COMPANY TO  
BUILD DOORS AT A MINIMUM COST.

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# THE DOOR BEAUTIFUL

SEVENTH EDITION

## MORGAN DOOR DESIGNS

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Designations and Designs of the different  
Patterns of MORGAN DOORS



"THE NAME MORGAN IS STAMPED ON EVERY DOOR"

## MORGAN COMPANY OSHKOSH, WISCONSIN

WESTERN WAREHOUSES

MORGAN SASH & DOOR COMPANY

CORNER BLUE ISLAND AVE. and WOOD ST.  
CHICAGO, ILL.

MORGAN SASH & DOOR COMPANY

CORNER RUSSELL and COLBY STREETS  
DETROIT, MICHIGAN

EASTERN WAREHOUSE

MORGAN MILLWORK COMPANY

113-129 WEST NORTH AVENUE  
BALTIMORE, MARYLAND

SALES OFFICES

New York City, Craftsman Building, No. 6 East 39th Street  
Cleveland, Ohio      Atlanta, Georgia

SAW MILL OPERATIONS

Forrest City, Arkansas      Foster City, Michigan  
Orin, Washington

EXHIBITS OF FINISHED MORGAN DOORS

Insurance Exchange Bldg., Chicago      Soo Line Bldg., Minneapolis  
Craftsman Bldg., New York      Morgan Millwork Co., Baltimore  
Morgan Sash & Door Co., Detroit, Mich.  
Builders & Traders Exchange, Detroit, Mich.

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# THE DEVELOPMENT *of* THE DOOR

## *Forty Years of Morgan Doors*



BUILDING beautiful doors so that they will last and give perfect service with no after expense, has not been the work of a day. The first Morgan door was made over forty years ago, and every year since has seen constant improvement in our product. Today we use timber from our own forests, and operate our own saw mills, planing mills, veneer mills, and door and millwork factories. Our warehouses and sales offices are located in the principal cities of the country. Every step in the making of a door and distributing it, is under our careful supervision. From the felling of the tree until the door is ready to be installed in your home, we jealously guard its quality.

It always has been our idea to build a distinctive, better-than-ordinary door; and the demand which we have created for our Morgan better-built doors shows that home-builders in ever increasing numbers appreciate quality and honesty of workmanship in a door just as they do in other purchases.

### MORGAN DOORS IN THE HOME

Homemakers have come to realize that doors are among the most essential parts of a home. They make or destroy the harmonious appearance of a house. An exterior door may be the very symbol of hospitality or it may express the opposite. Interior doors, because they are used as much as furniture and because they are as conspicuous, help just as much as expensive furniture to give to the interior of the house a refined, homelike atmosphere.

Morgan doors are built with the appreciation that they are to be used in the home and as part of the home. They are built in such a wide variety of designs and finishes that you will find just the doors that will satisfy your own ideas of beauty, and that will harmonize with your chosen style of Architecture.

### MORGAN VENEERS

A hardwood door is made of two essential parts, the outside or veneer, and the inside or core. The beauty of a door is in the veneer. We choose only the most beautiful veneers as coverings for Morgan doors. However, beauty is not the only thing we consider in selecting veneers. Attention is given the strength and freedom from defects. No eggshell veneers are allowed to spoil Morgan doors. Moisture does not penetrate our thick veneers and cause them to peel and crack as in the case of ordinary doors.

Not only is care used in the selection of our veneers; but extreme care is used in applying the veneers to the core. Morgan veneers are not glued to the cores and then put in hand clamps over night. Morgan veneered cores, freshly glued, are placed in powerful hydraulic presses where the pressure is uniform over the entire surface of the veneered wood. This uniformity of pressure, because it attaches the veneer securely to all parts of the door, eliminates the trouble and expense occasioned by peeling and crawling veneers. After leaving the hydraulic presses, the veneered stock is put in retainers under the same tremendous pressure. Here it remains for 36 to 48 hours until the glue is thoroughly set and absolutely dry.



## CAREFUL WORKMANSHIP ADDS TO THE BEAUTY OF MORGAN DOORS

Not only are the finest veneers selected to cover Morgan doors; but all the beauty in the wood is brought out by careful workmanship. Automatic sanders and smoothers are used to complete ordinary doors, but in addition to this, Morgan doors receive their final touches at the hands of Morgan skilled craftsmen. On account of their beauty of grain and finish, Morgan doors have won for themselves the name, "Handcraft Doors."

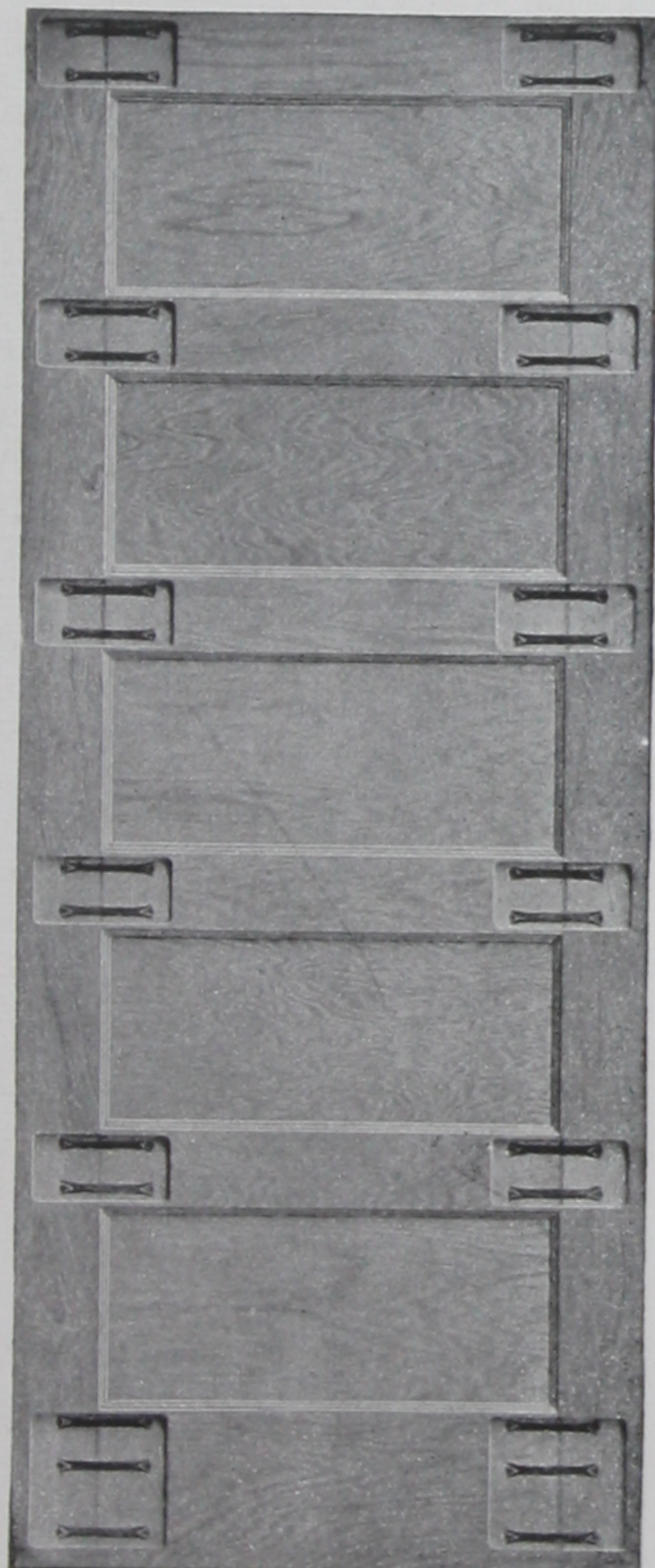
## THE HEART OF THE MORGAN DOOR— ALL WHITE PINE CORE

The core of a door determines whether the door will later warp, swell, stick, crack, etc.

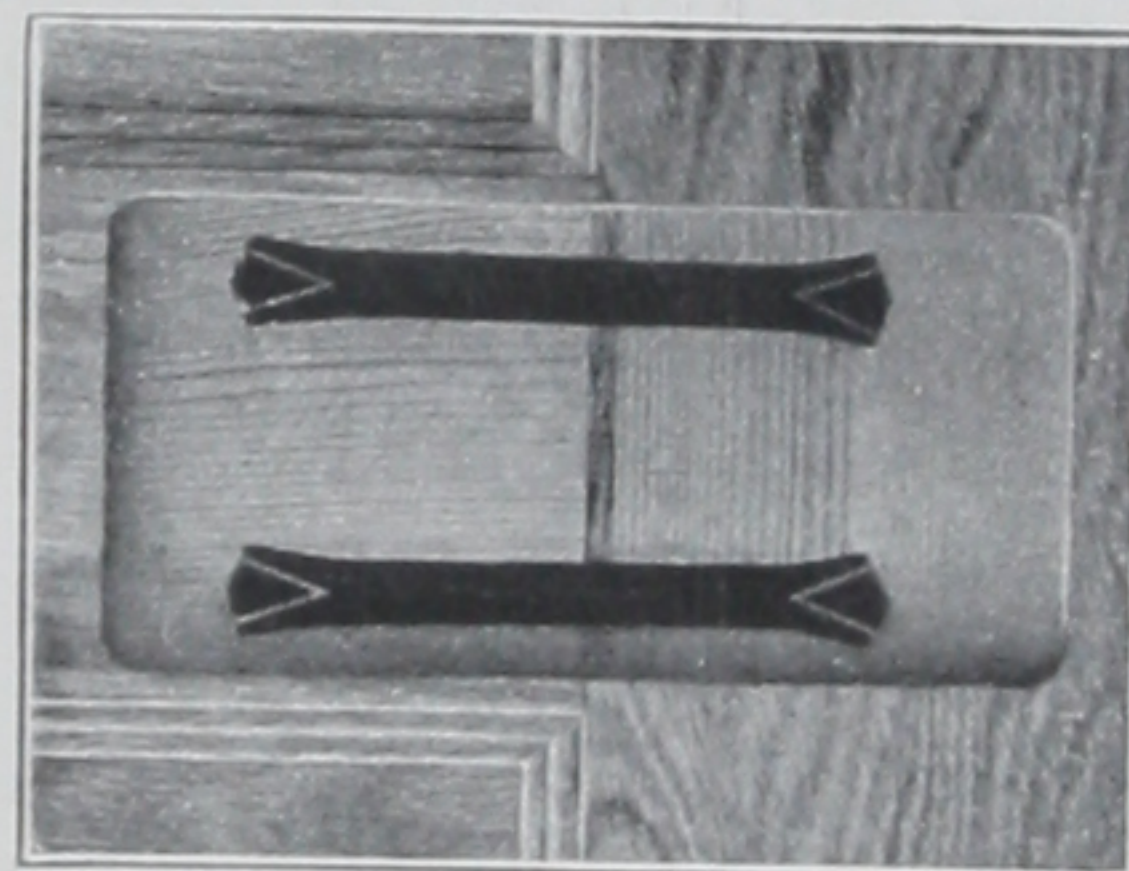
White Pine forms the core of the Morgan Door—because White Pine will not warp, swell, etc. Only Morgan doors, as far as we have been able to find out, have "All White Pine Core." Thus only Morgan doors are insured against door-annoyance and after-expense.

All woods which go into Morgan doors are thoroughly and correctly kiln dried and tested before they go to the workrooms.

## THE WEDGE DOWEL (Patented) INSURES THE MORGAN DOOR FROM COMING APART



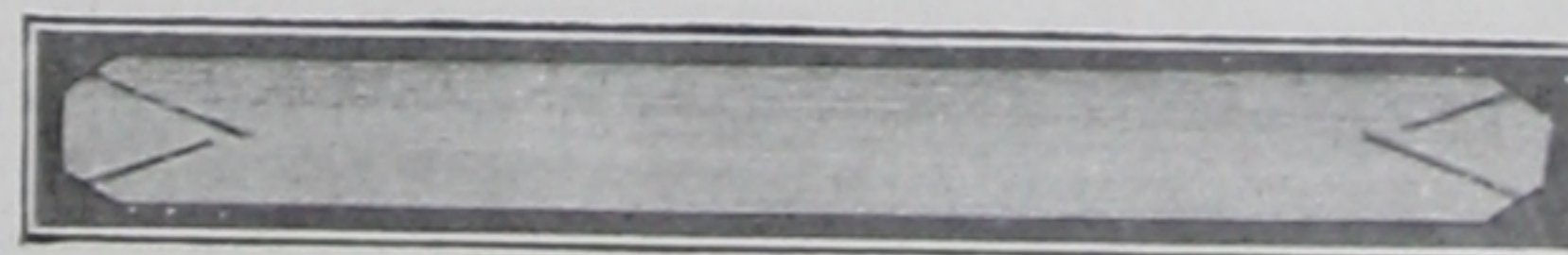
*The  
Wedge*



*Protects  
You*

We do not stop here in freeing the Morgan door from after-expense. The wedge dowel (patented) is used to lock the parts of the door together and to hold the door together for life.

The wedge dowel is made of hardwood, slit obliquely at each end. When the dowels are put in place and the door is clamped together under hydraulic pressure, the wedges formed by the slits are driven into the dowel expanding the ends. This causes the expanded dowels to hold like a vise. The wedge dowel insures the Morgan door from splitting and coming apart.



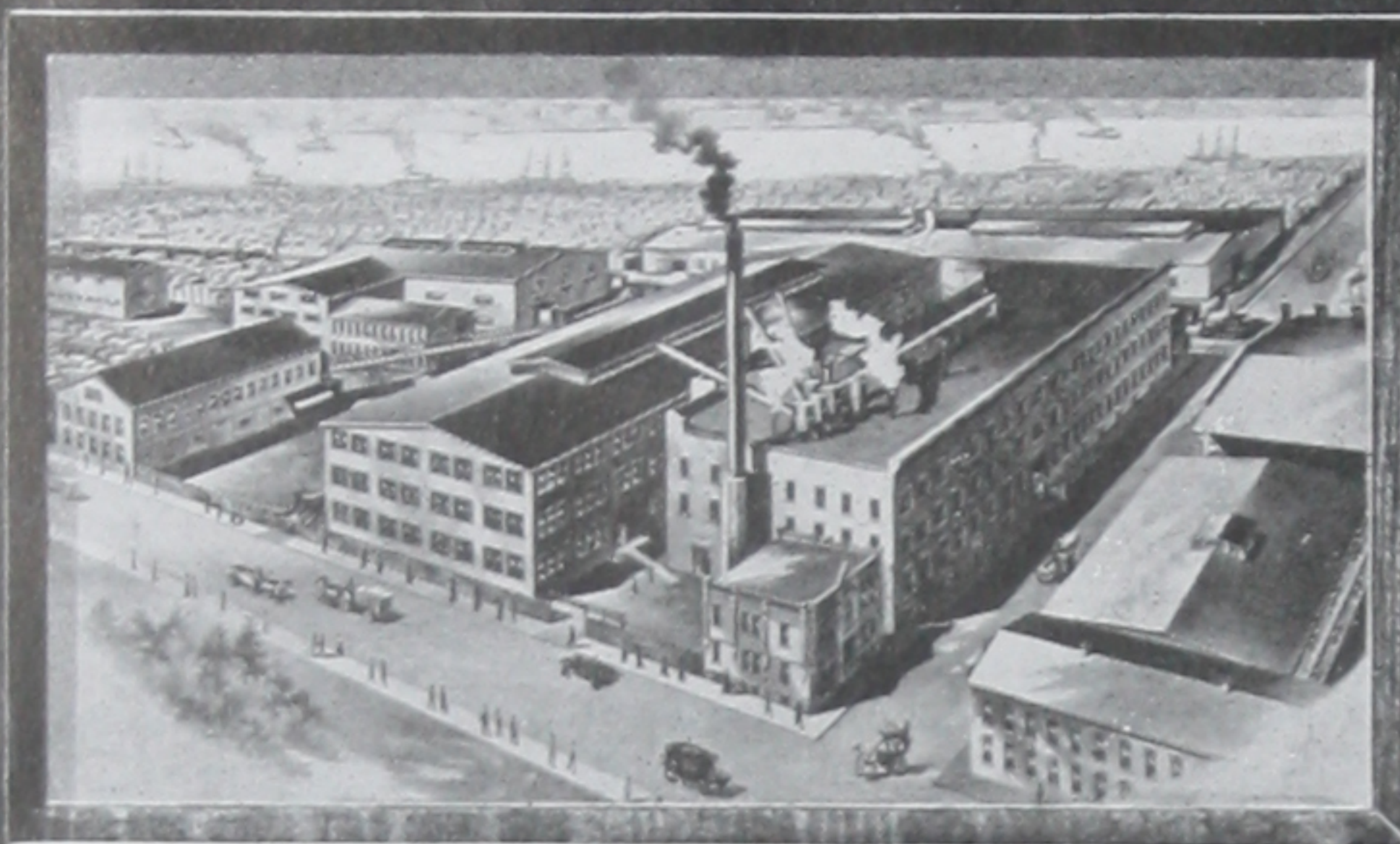
Manufactured under U. S. Patent No. 1,060,543



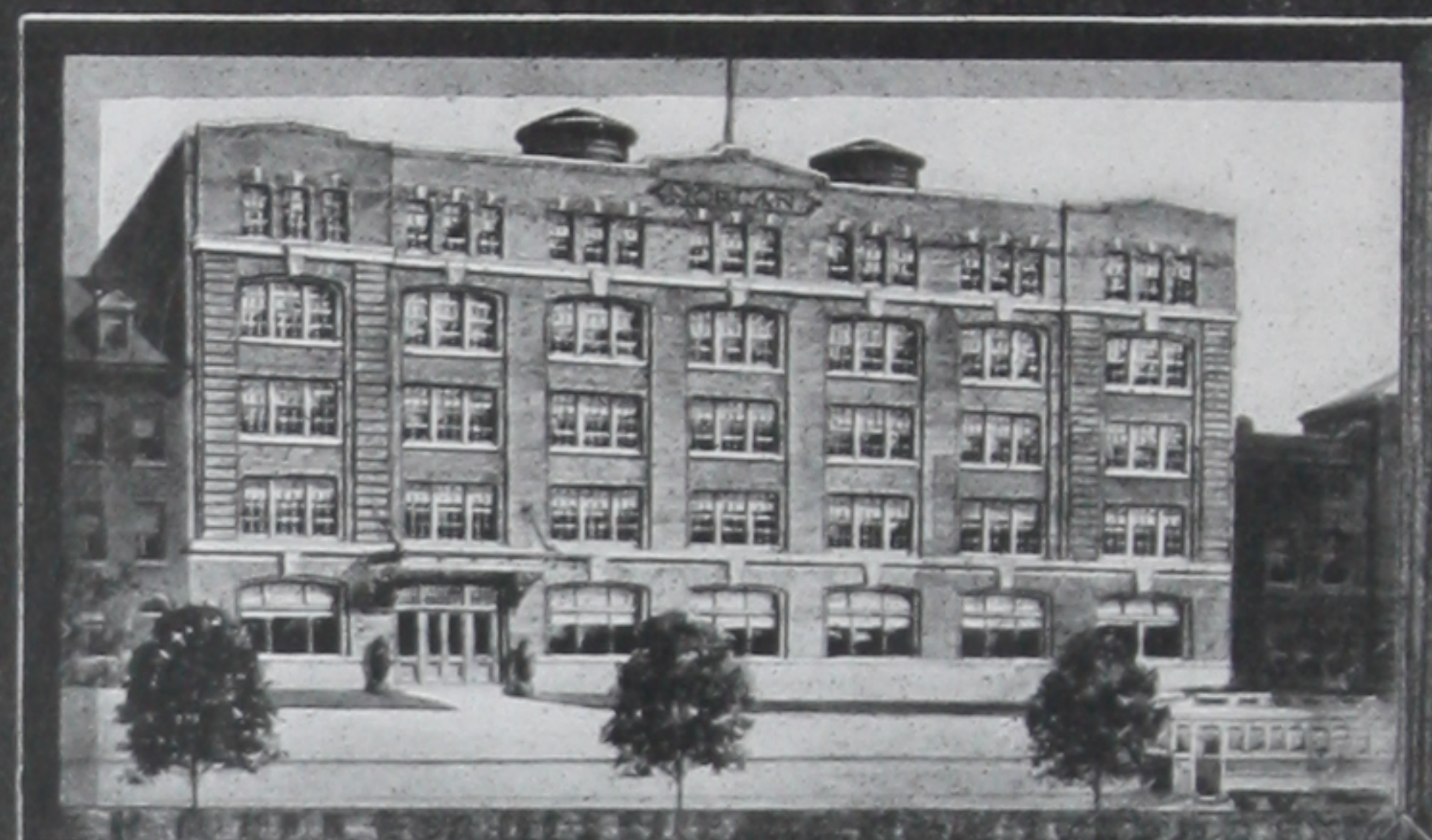
MORGAN



SAW MILL AT FOSTER CITY, MICH.



GENL. OFFICES AND PLANT, OSHKOSH, WIS.



THE BALTIMORE PLANT



CHICAGO OFFICE AND PLANT

MANUFACTURING PLANTS  
AND  
DISTRIBUTING POINTS  
OF  
MORGAN DOORS.

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MORGAN



## WHY IT PAYS TO SPECIFY MORGAN DOORS

**W**HEN you buy anything that gives permanent, enduring satisfaction, you feel that your money has been well invested. Morgan doors are built to give such satisfaction.

The beauty and the long life of Morgan doors is only possible because of the extreme care used in every stage of their manufacture. We have grown large enough to supervise the making of doors from the growing timber to the finished product. Hence, we know that they are honestly made to give years and years of pleasing service. Morgan doors hang true. The opening and shutting of them is always a pleasure.

The knowledge of what our doors can do allows us to guarantee them. They must be perfect, or we will replace them.

*So we guarantee to immediately replace free of charge any door bearing our name which shows any defect in material or workmanship. We guarantee it to be absolutely perfect in every respect. Your protection is the name "MORGAN" to be found on the top rail of every genuine Morgan door.*

Our control of raw material, improved manufacturing facilities and large production keep the cost of Morgan doors down. Thus although in actual value they are worth much more than ordinary doors—they will cost you very little more and in many cases, no more than the non-guaranteed or poorly constructed variety.

Isn't it better to specify and receive doors which will give lasting satisfaction and pleasure and which will need no replacement? Tell your architect to write "Morgan" in the specifications—there will be no regrets.

After your Architect has written "Morgan Doors" in your building specifications, see that your Lumber Dealer furnishes and your Contractor installs Morgan doors. For your protection "Morgan" is stamped on the top rail.

### MORGAN DOOR DESIGNS

The "Door Beautiful" contains many of the popular designs of doors which we have in stock for immediate delivery to our dealers.

However, if you do not find the style of door which you desire, you can obtain special designs of Morgan doors. We recommend the designs listed in our catalogues because special design doors are more expensive.

Bear in mind though, that the services of our designers are at your disposal.



## MORGAN DOORS ARE SHIPPED "IN THE WHITE"

**M**ORGAN doors are shipped "in the white" or unfinished. We do not stain, varnish or paint our doors; we smooth and polish them so that they are ready for staining etc.

### EXTERIOR DOORS

In glazing front doors, remove the glass stop and apply two coats of shellac. Bed the glass in putty.

Use a good oil filler and apply at least two coats of the best exterior varnish. For further information, see pages 46-50.

To prevent moisture from entering the door, all Morgan Exterior Hardwood doors are painted on the top and bottom edges before leaving the factory. After the doors are fitted, these edges should again be painted.

### INTERIOR DOORS

#### **Don't hang your doors in a damp, freshly plastered building.**

This refers not only to doors, but to all kinds of fine interior finish. Mortar contains large quantities of water, and until the moisture has dried out of the walls, the building is in no condition to receive hardwood doors or fine interior finish. A manufacturer cannot be blamed for defective work if the goods upon which every care is exercised in the making are not properly handled after they are out of his hands. It is always advisable to employ artificial heat to help dry out a new building before hardwood doors and fine interior finish are placed.

Moisture must not be allowed to penetrate doors. As quickly as possible after receiving the doors, have your finisher give them at least one coat of filler. Immediately after fitting the doors paint or shellac the top and bottom edges.

**For stain effect, use "Oil Stain." Avoid "Water Stain."**  
Use a good filler.

### NOTE FOLLOWING INSTRUCTIONS REGARDING SPECIFICATIONS FOR HARDWOOD DOORS

**One-panel doors** (M-60) are made  $1\frac{3}{4}$  in. thick and thicker. The frame, if doors are made thinner, is too light for a large panel.

**One and two-panel doors** (M-60 and M-59) veneered with two kinds of wood should be at least  $1\frac{3}{4}$  in. thick in order to admit the use of a thick panel. Hardwood doors of any description, over 3 feet and up to 4 feet in width, or over 7 feet and up to 8 feet in length, should always be made  $1\frac{3}{4}$  inches thick or thicker, and doors wider than 4 feet, or longer than 8 feet, should be at least  $2\frac{1}{4}$  inches thick.

### OUR GUARANTEE

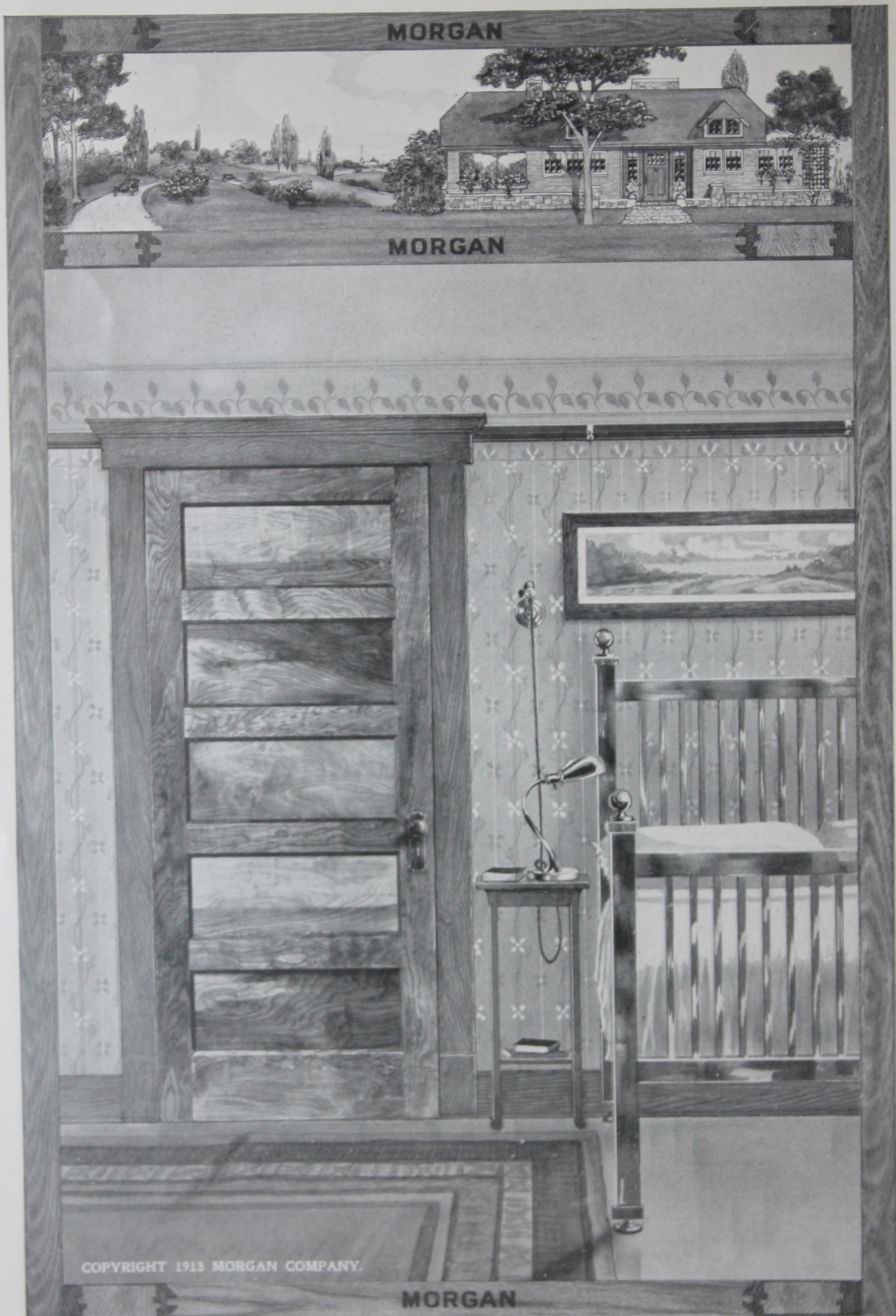
If the above instructions are carried out, we guarantee every Morgan Hardwood Door to be "A Perfect Door" and we agree to replace any Morgan Door, that proves to be defective, with the same design door unfinished.





Interior Door. Design M-54, Plain Red Oak  
Built in Different Woods





Interior Door. Design M-54, Unselected Birch

Built in Different Woods





Interior Door. Design M-59, Plain Red Oak

Built in Different Woods





Interior Door. Design M-59, Selected Birch

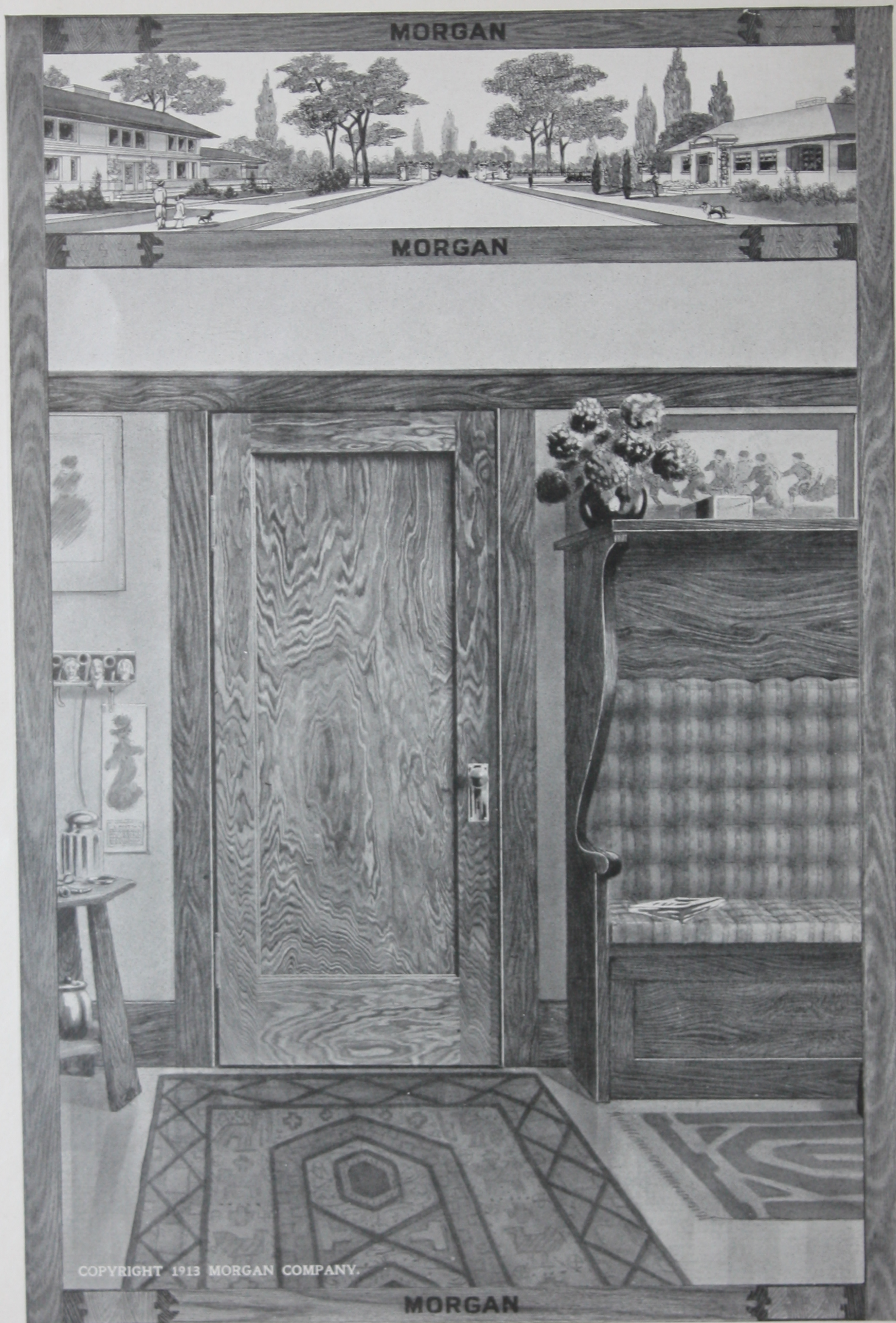
Built in Different Woods





Interior Door. Design M-59, Quarter Sawn White Oak  
Built in Different Woods

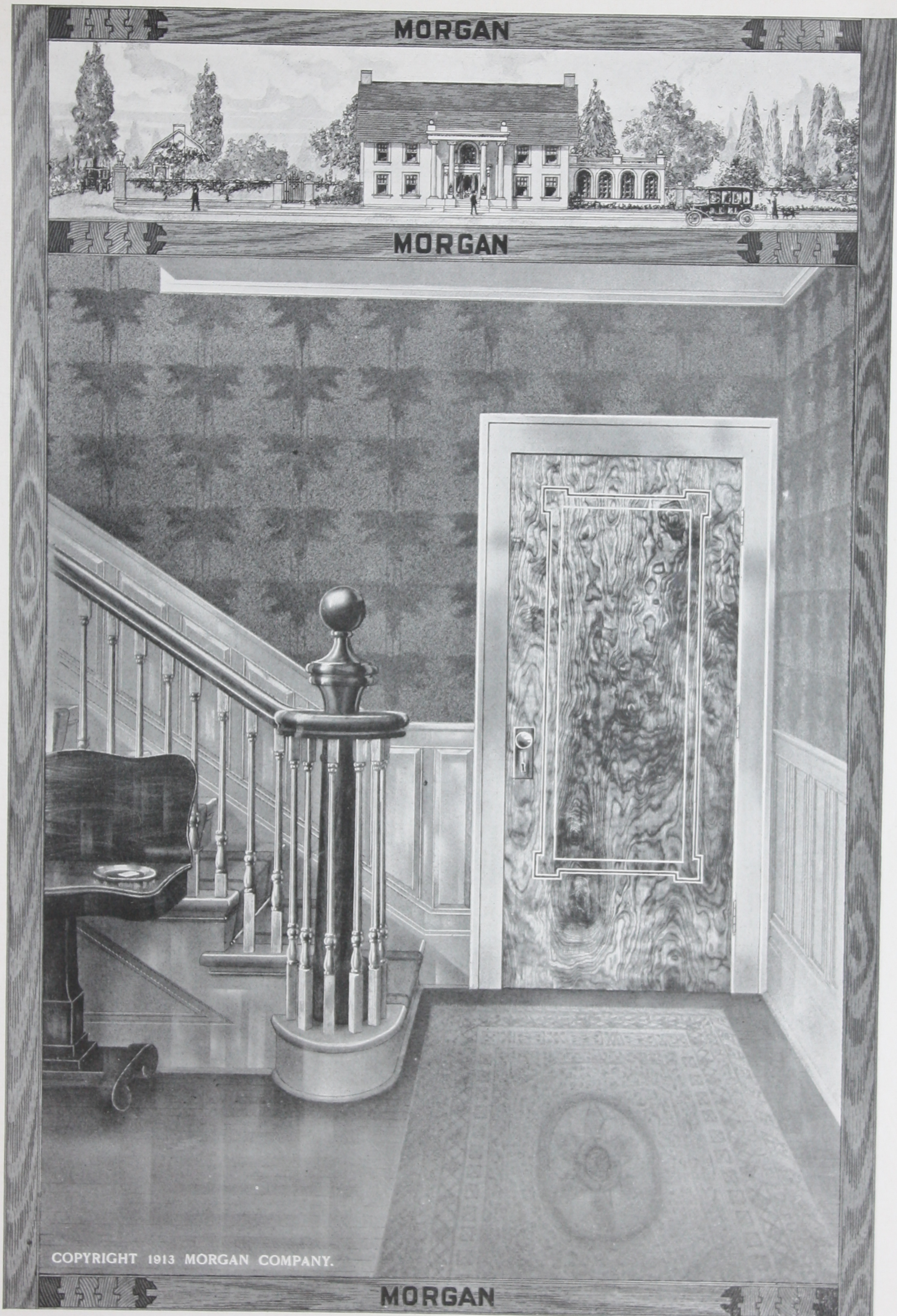




Interior Door. Design M-60, Plain Red Oak

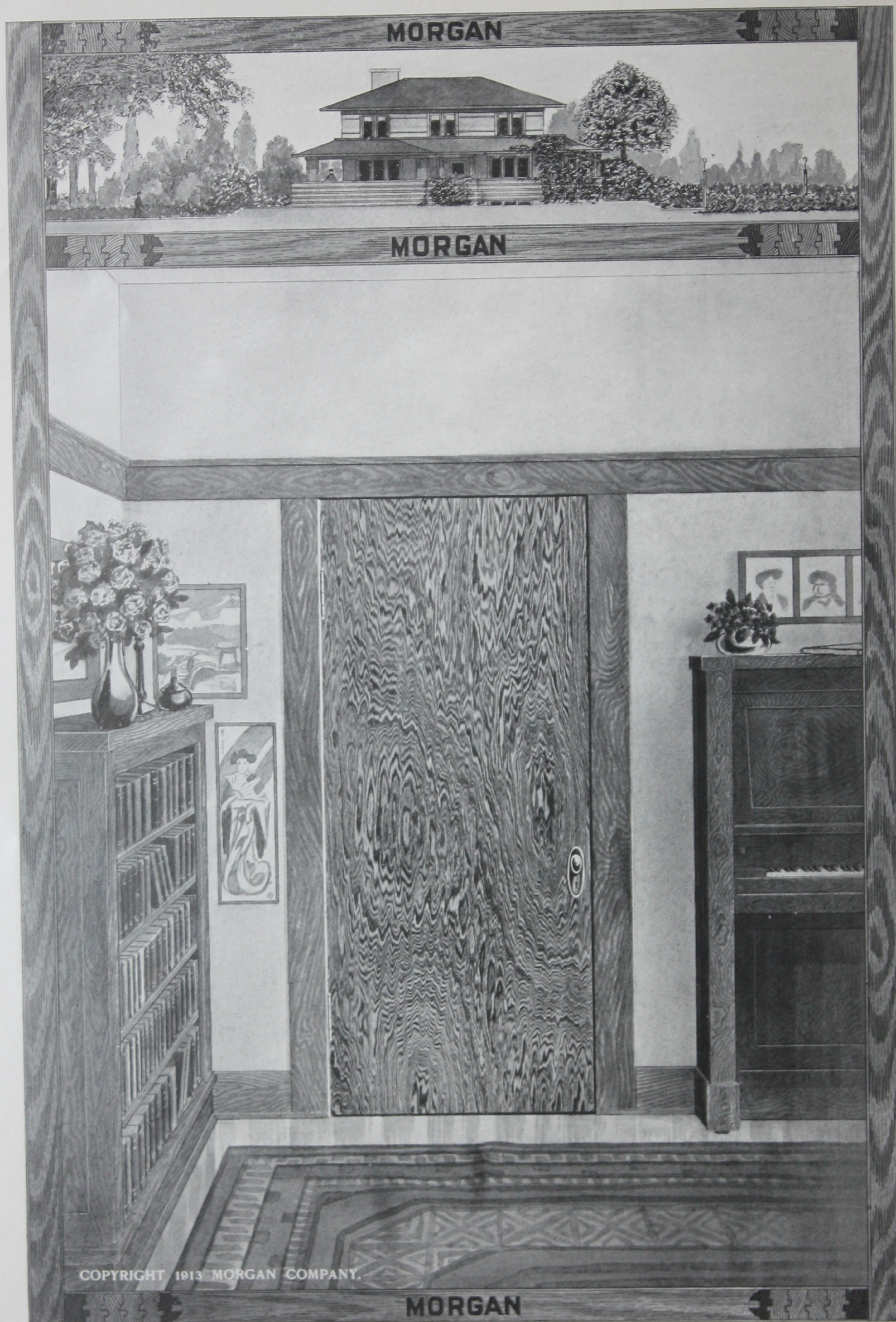
Built in Different Woods





Interior Door. Design M-115, Selected Red Birch  
Inlay D 1  
Built in Different Woods

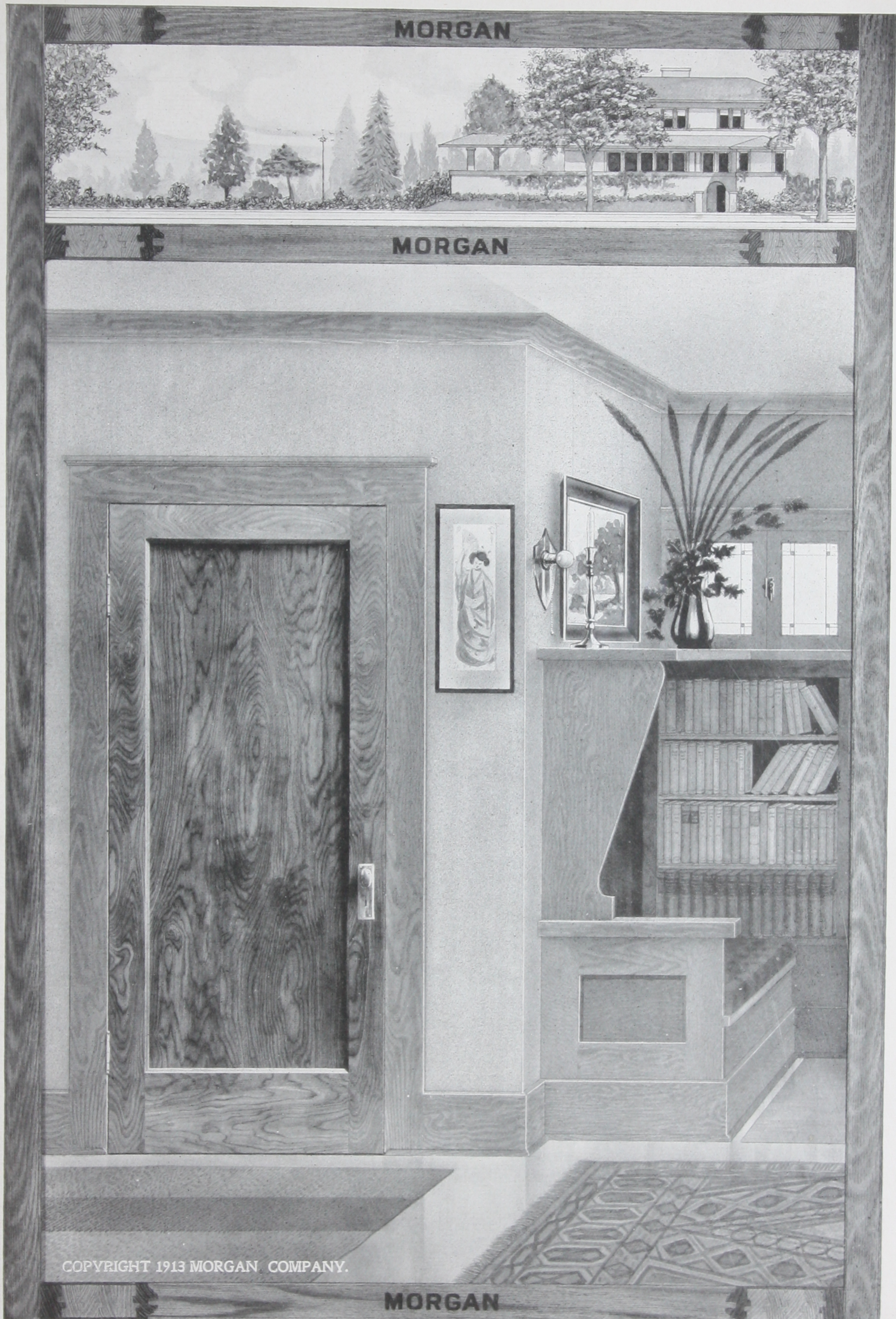




Interior Door. Design M-115, Plain Red Oak

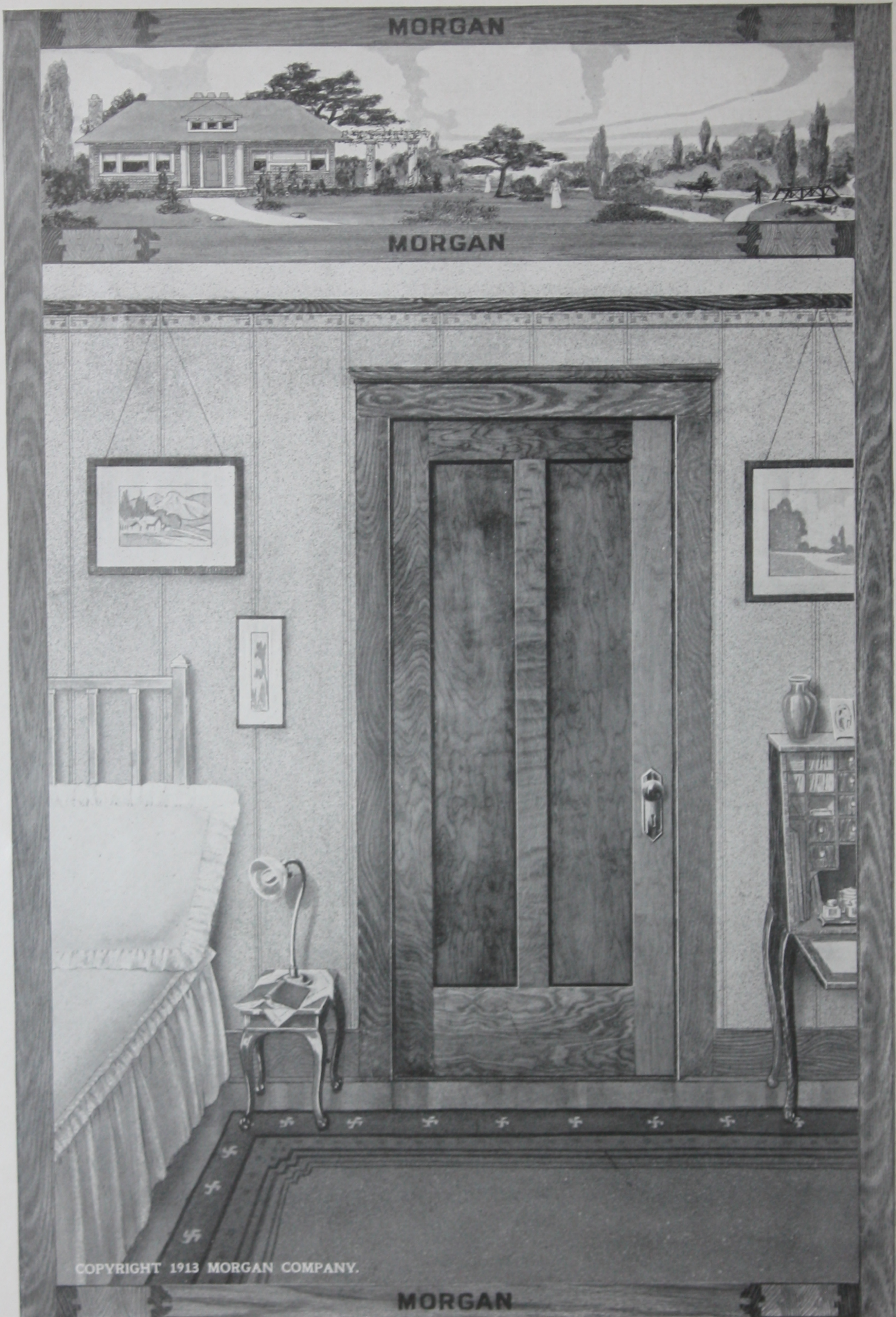
Built in Different Woods





Interior Door. Design M-60, Selected Red Birch  
Built in Different Woods

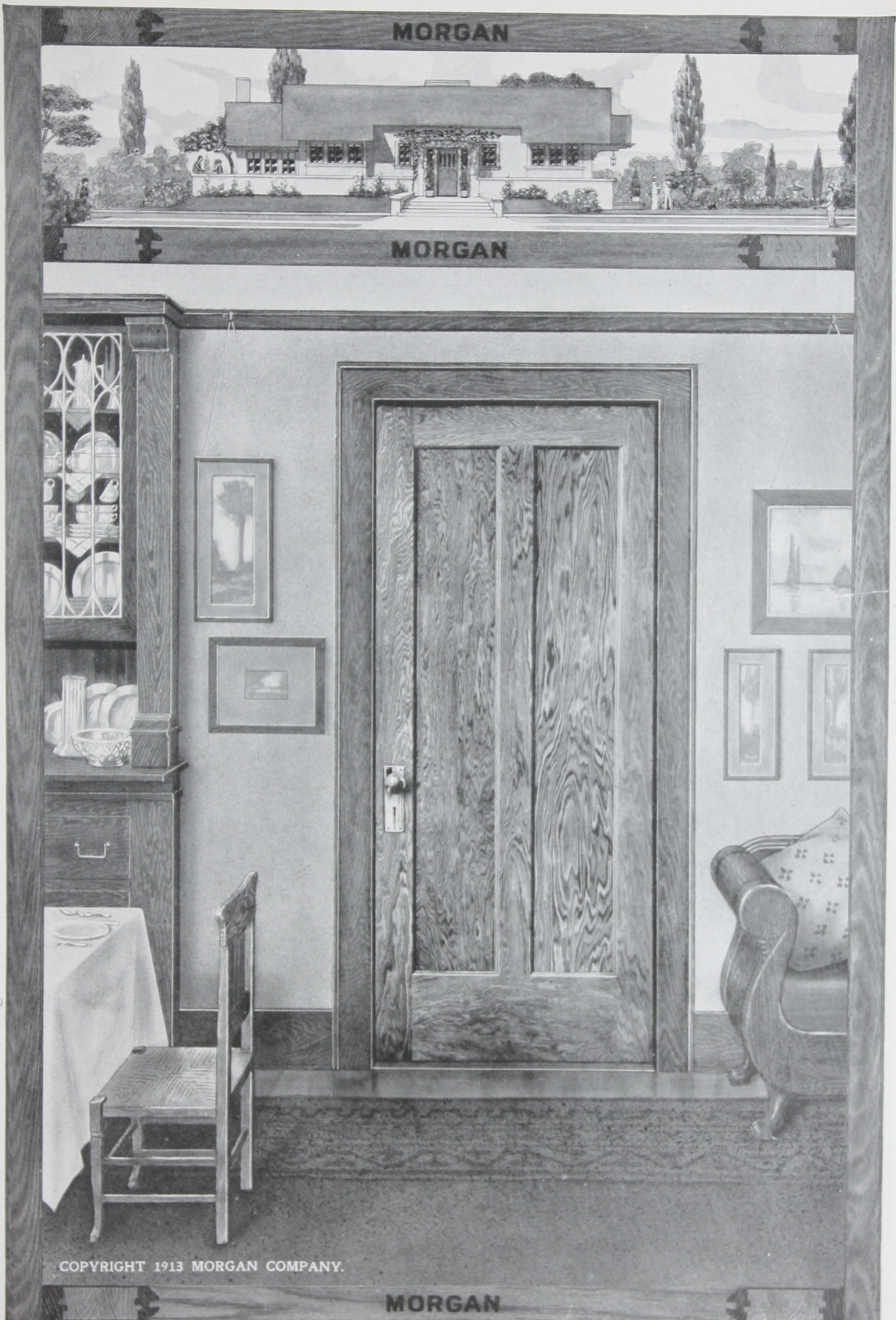




Interior Door. Design M-61, Unselected Birch

Built in Different Woods





Interior Door. Design M-61, Plain Red Oak

Built in Different Woods

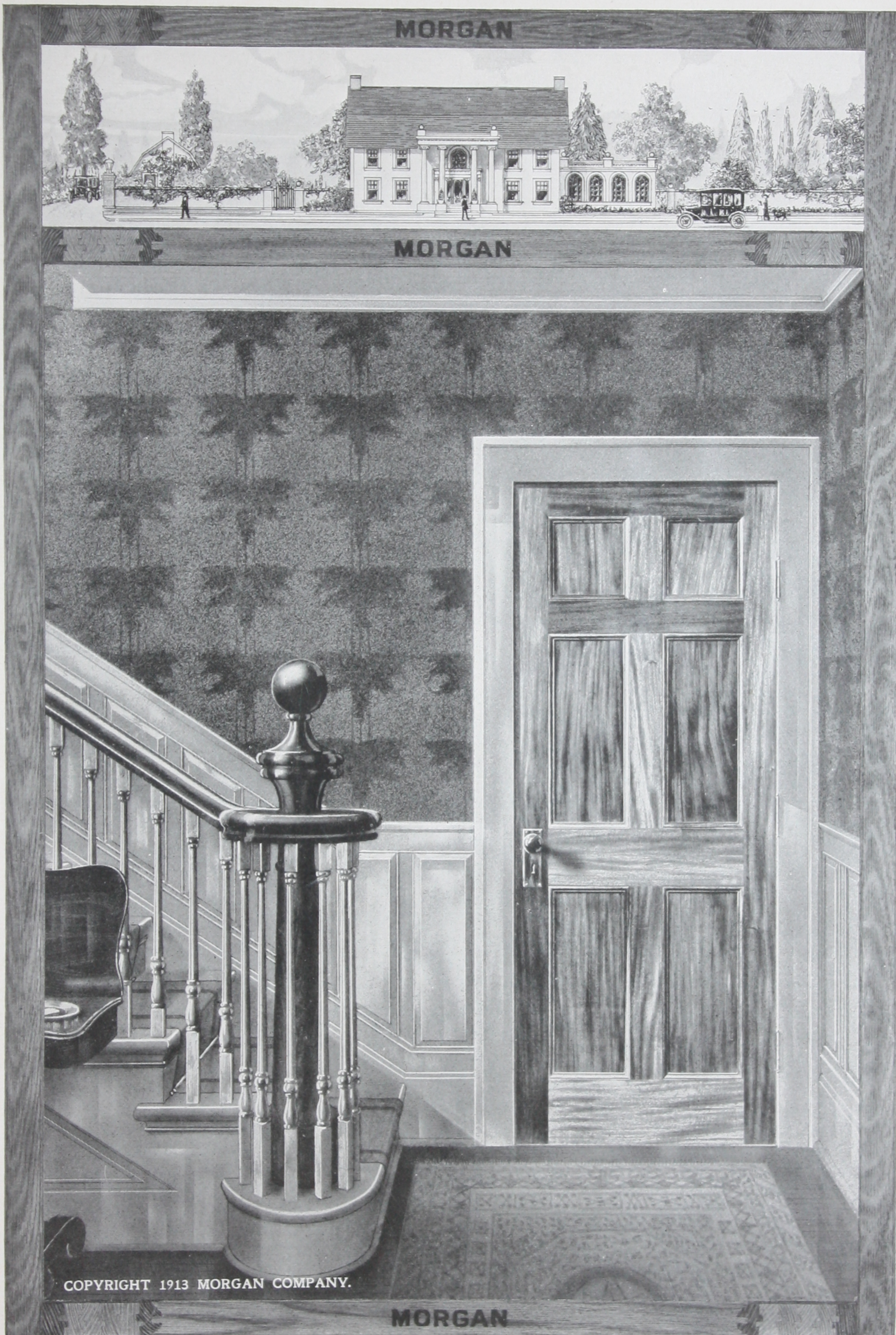




Interior Door. Design M-159, Unselected Birch

Built in Different Woods





Interior Door. Design M-51, African Mahogany  
Built in Different Woods

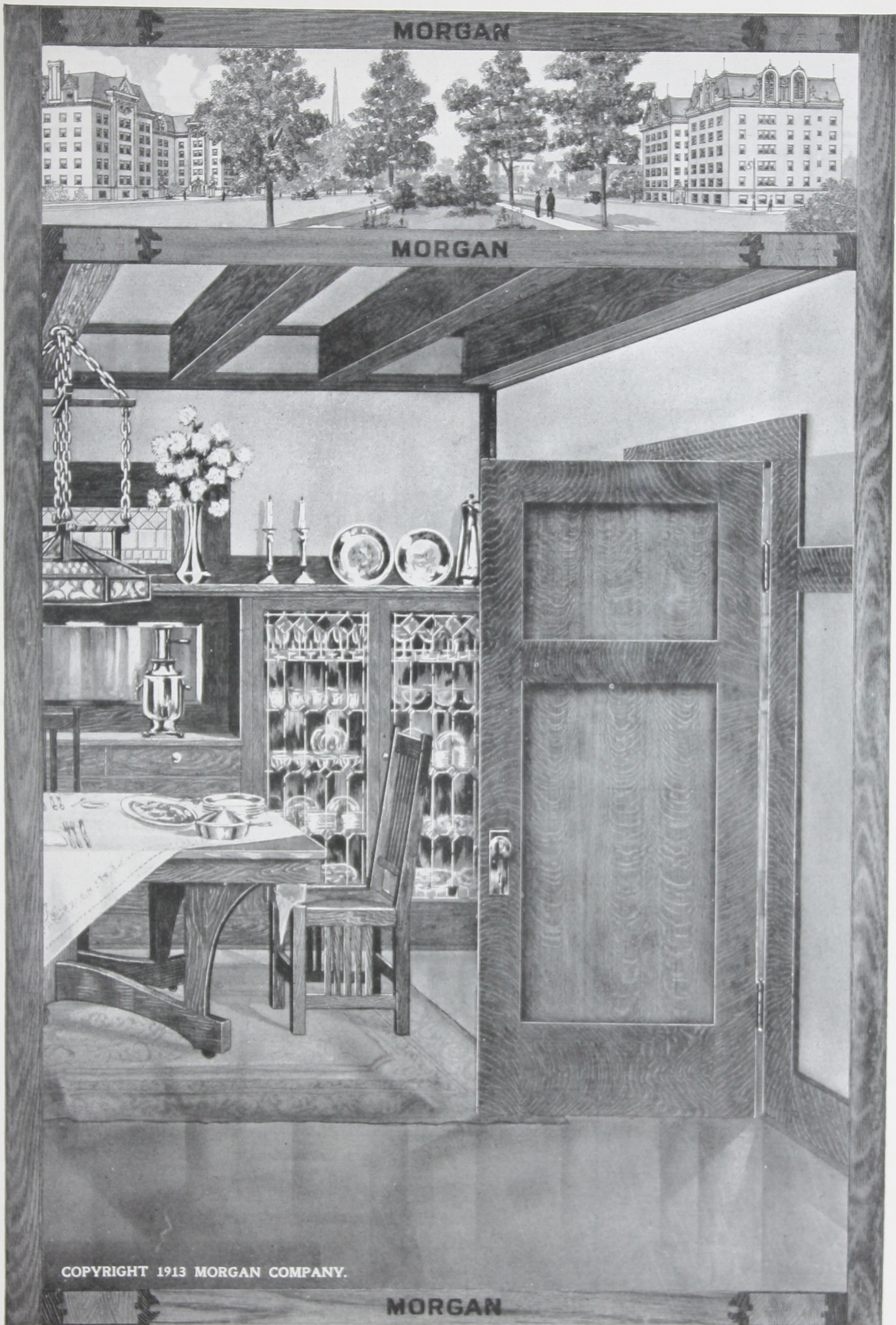




Interior Door. Design M-191, Unselected Birch

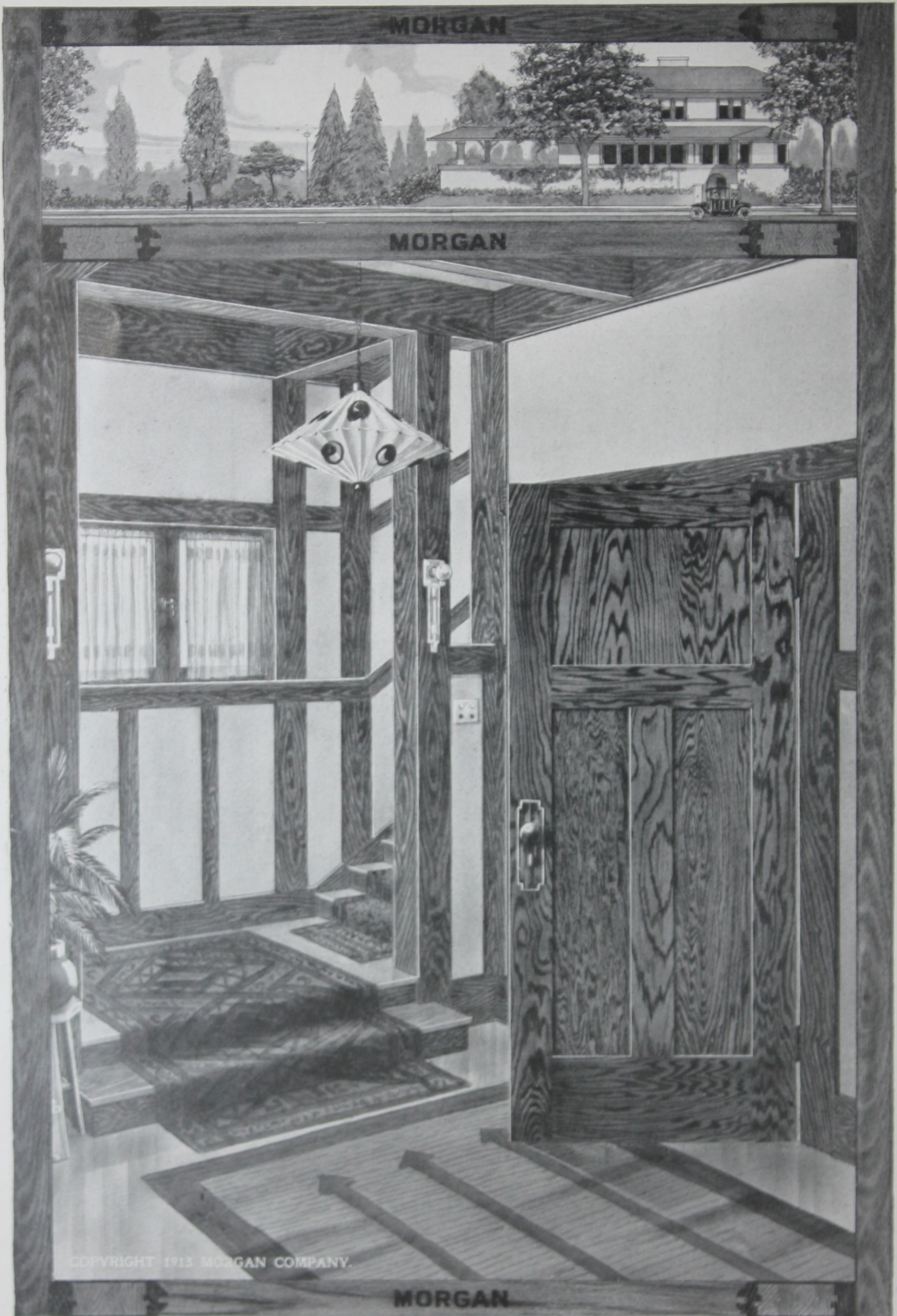
Built in Different Woods





Interior Door. Design Craftsman G, Quarter Sawed White Oak  
Built in Different Woods





Interior Door. Design Craftsman H, Plain Red Oak

Built in Different Woods





Exterior Door and Sidelights. Design Craftsman B, Plain Red Oak  
Built in Different Woods



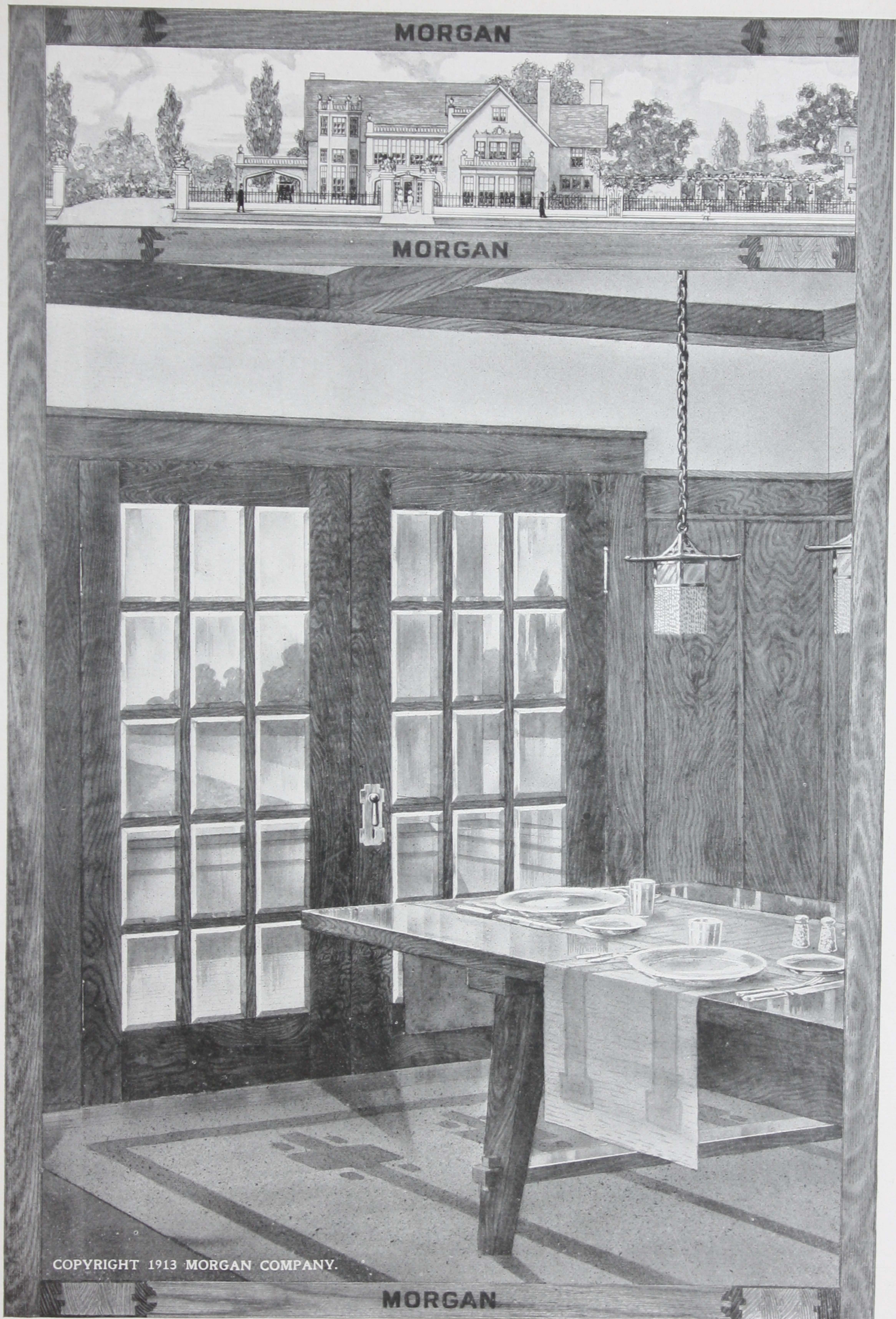


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Exterior Door. Design Craftsman E, Selected Red Birch

Built in Different Woods

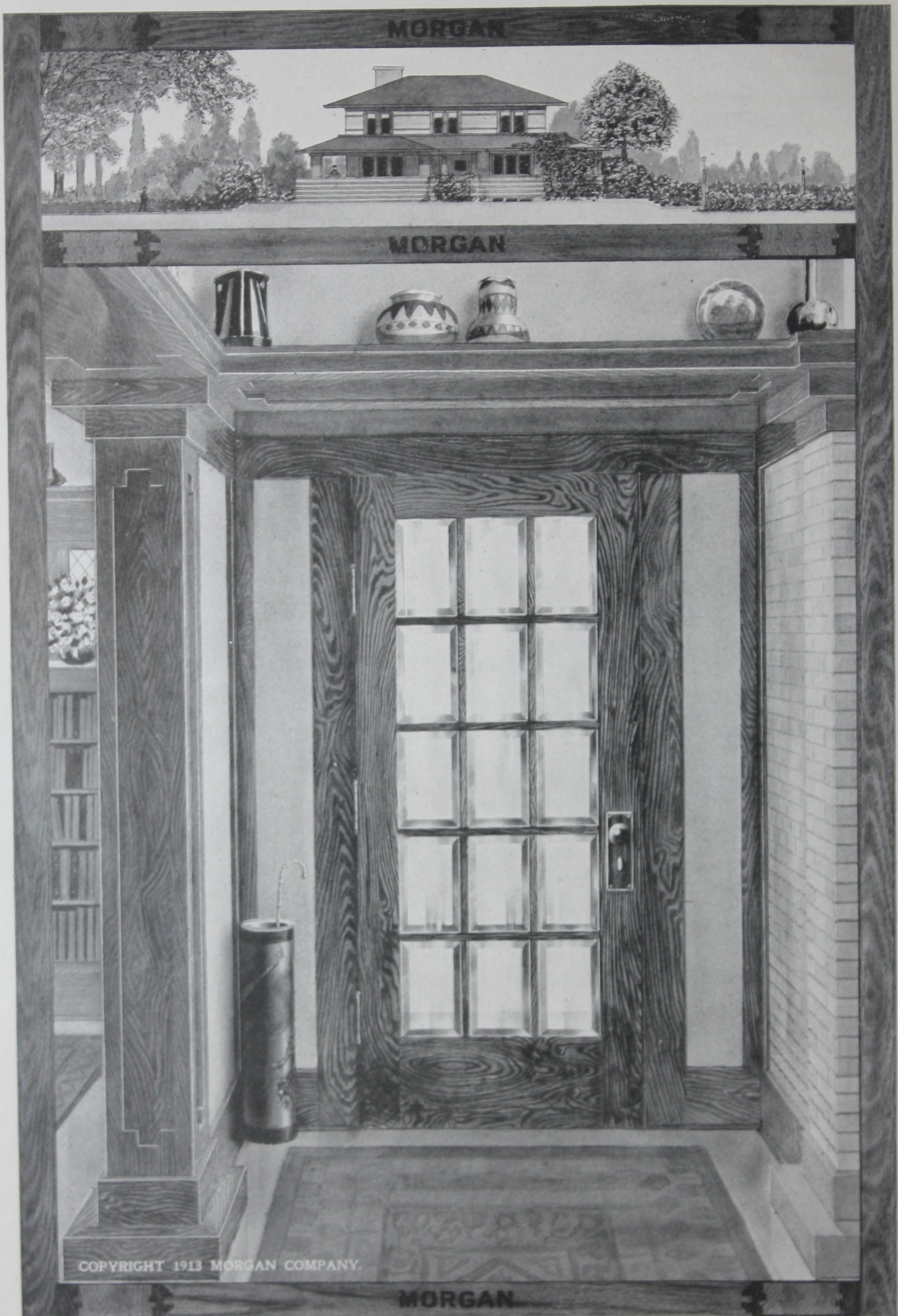




French Doors. Design M-117, Unselected Birch

Built in Different Woods

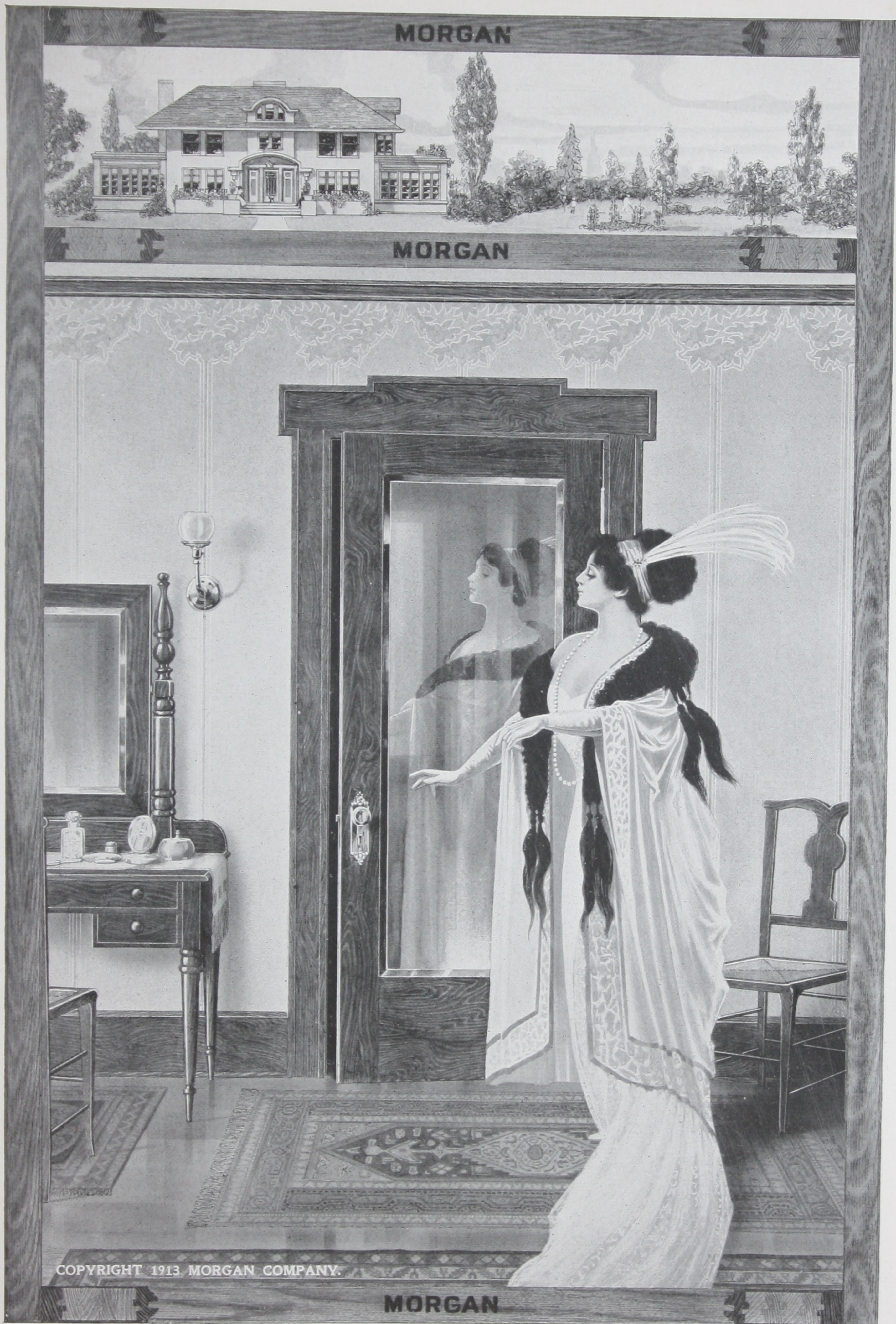




French Door. Design M-117, Selected Red Birch

Built in Different Woods

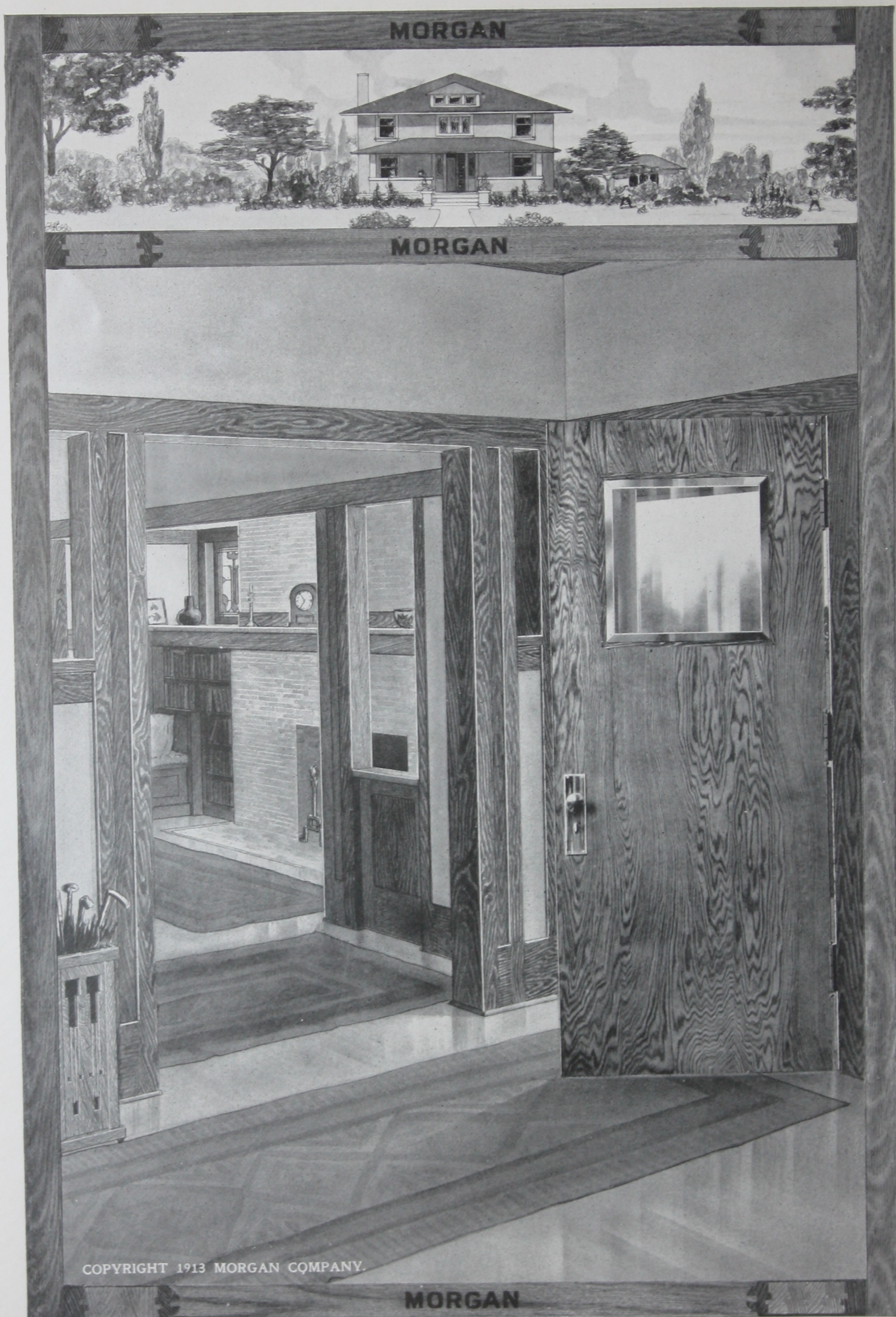




Mirror Door. Design M-88, Plain Red Oak

Built in Different Woods

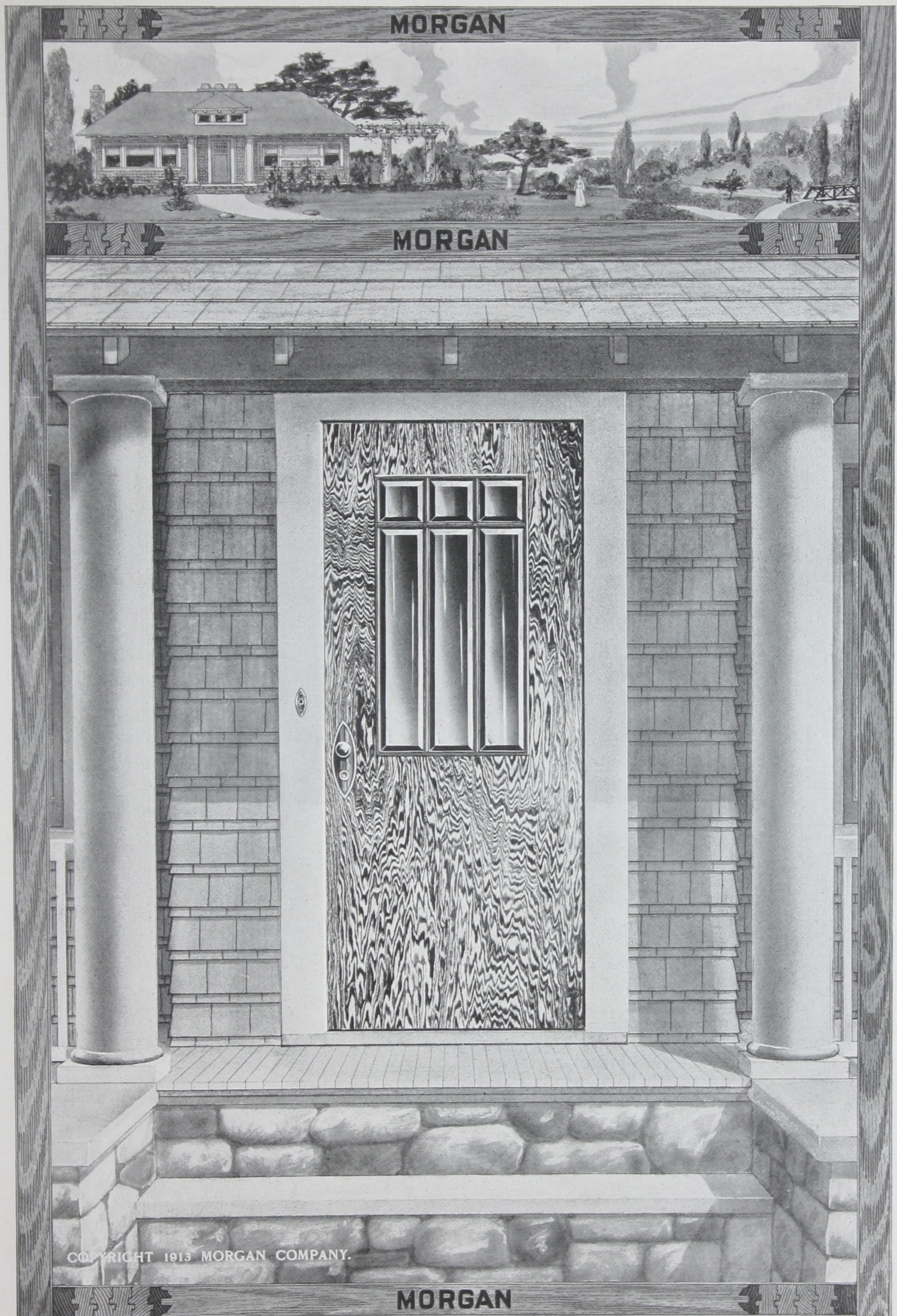




Sanitary Flush Exterior Door. Design M-415, Plain Red Oak

Built in Different Woods





Sanitary Flush Exterior Door. Design M-418, Plain Red Oak

Built in Different Woods





Sanitary Flush Exterior Door and Sidelights. Design M-715, Plain Red Oak

Built in Different Woods

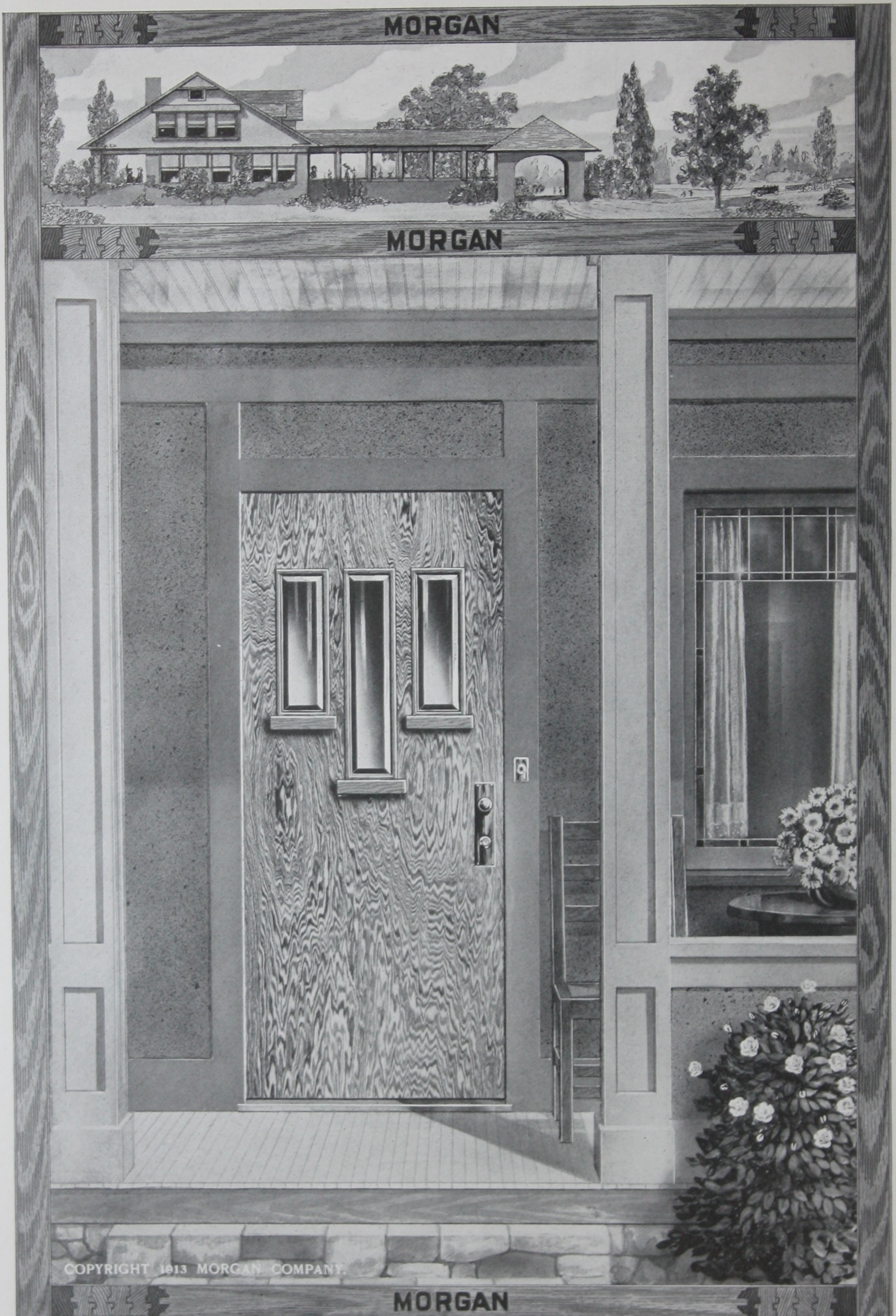




Sanitary Flush Exterior Door. Design M-815, Brown Ash

Built in Different Woods





Sanitary Flush Exterior Door. Design M-816, Plain Red Oak

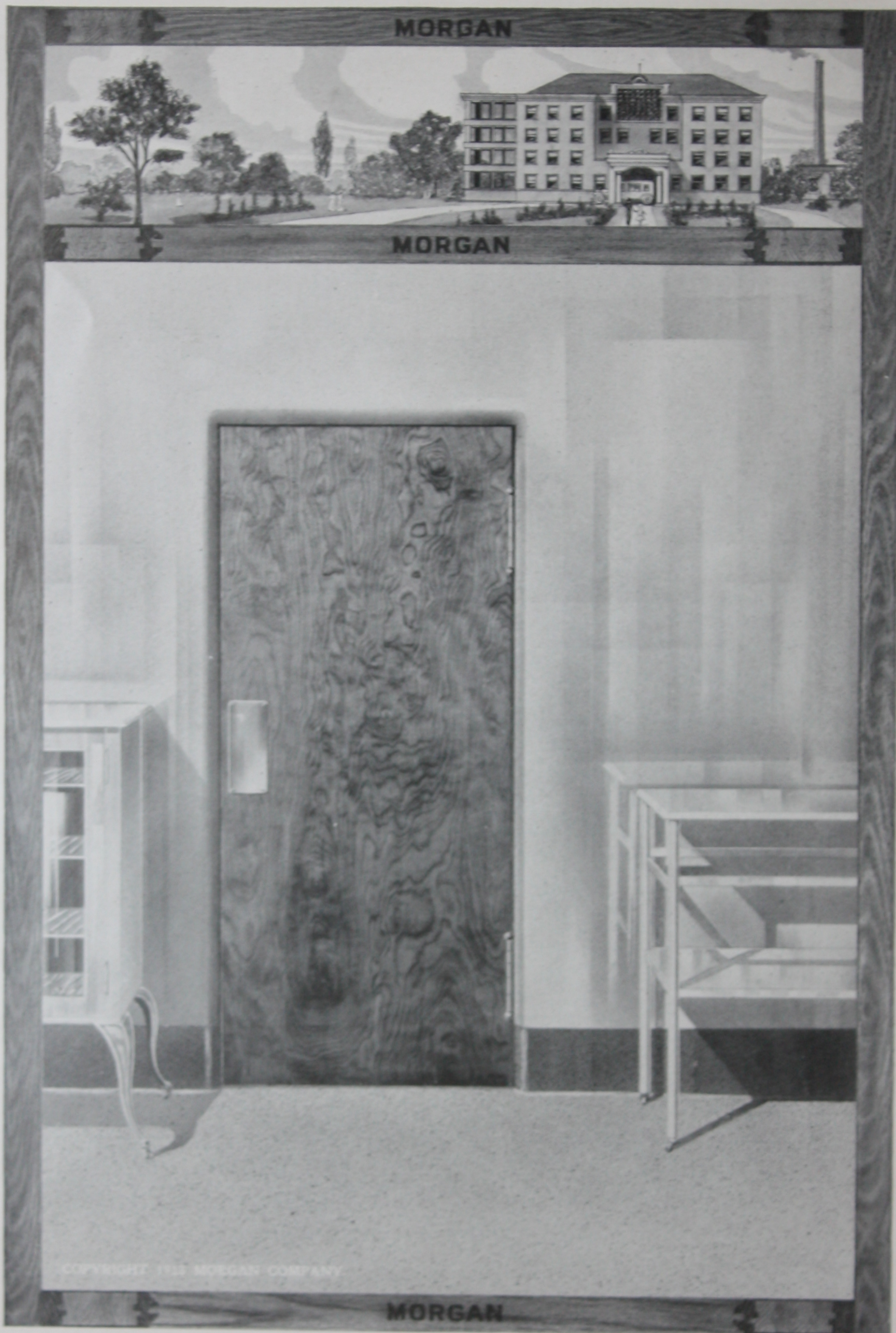
Built in Different Woods





Sanitary Flush Exterior Door. Design M-915, Selected Red Birch  
Built in Different Woods





Sanitary Flush Interior Door. Design M-115, Selected Red Birch

Built in Different Woods





Exterior Door and Sidelights. Design M-89, Plain Red Oak

Built in Different Woods





Exterior Door and Sidelights. Design M-189, Plain Red Oak

Built in Different Woods

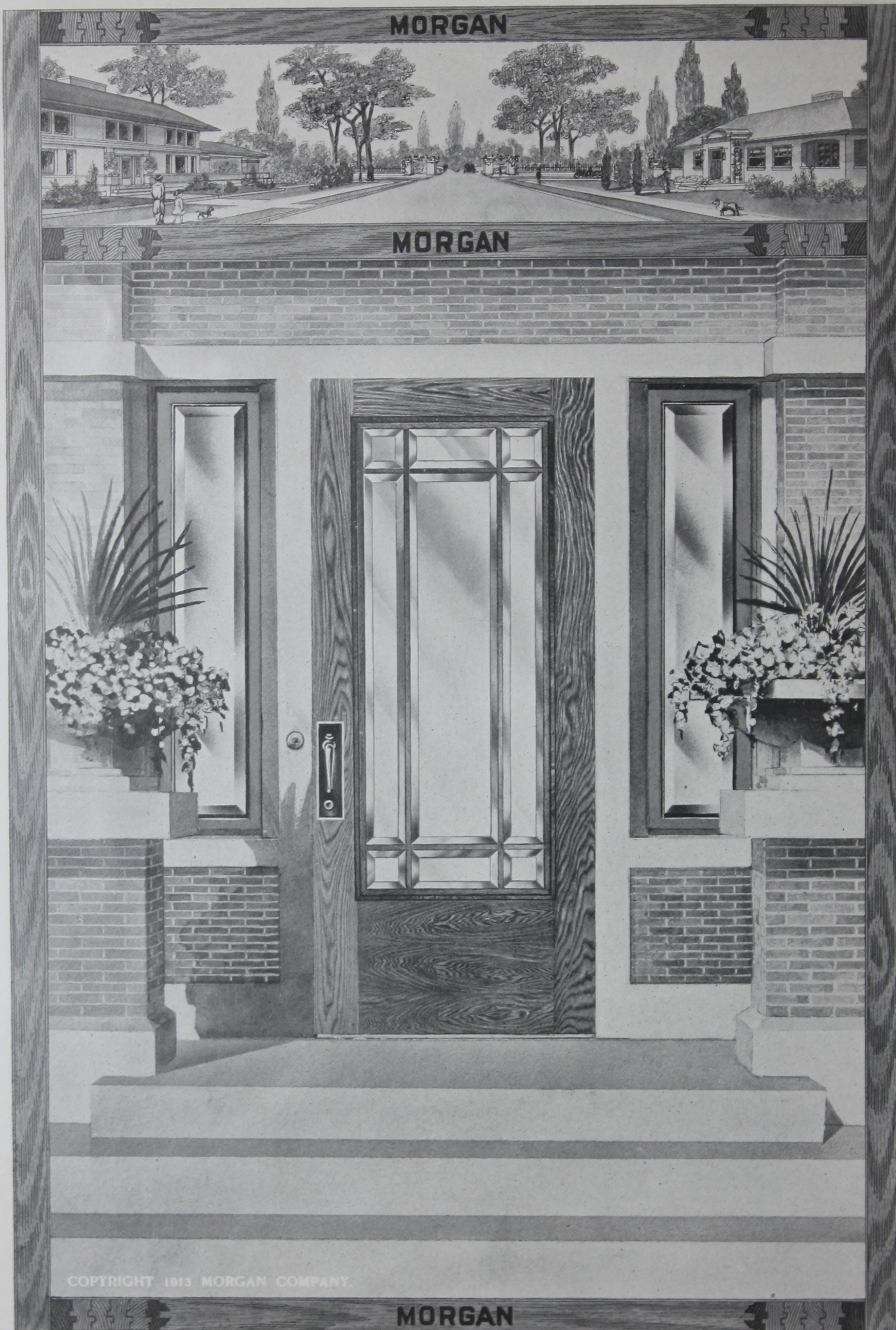




Exterior Door and Sidelights. Design M-139, Plain Red Oak

Built in Different Woods

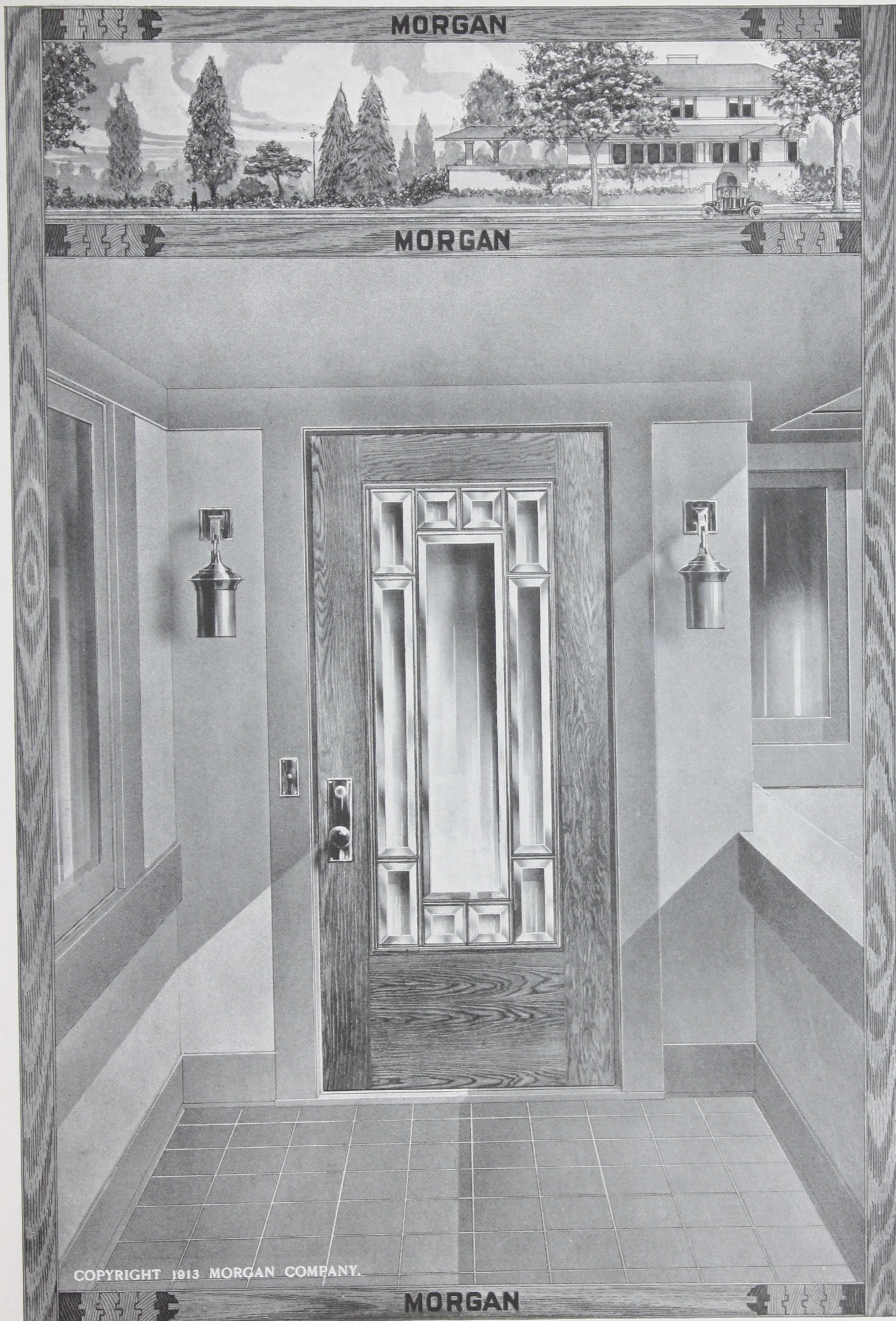




Exterior Door. Design M-9, Plain Red Oak

Built in Different Woods





Exterior Door. Design M-29, Plain Red Oak  
Built in Different Woods

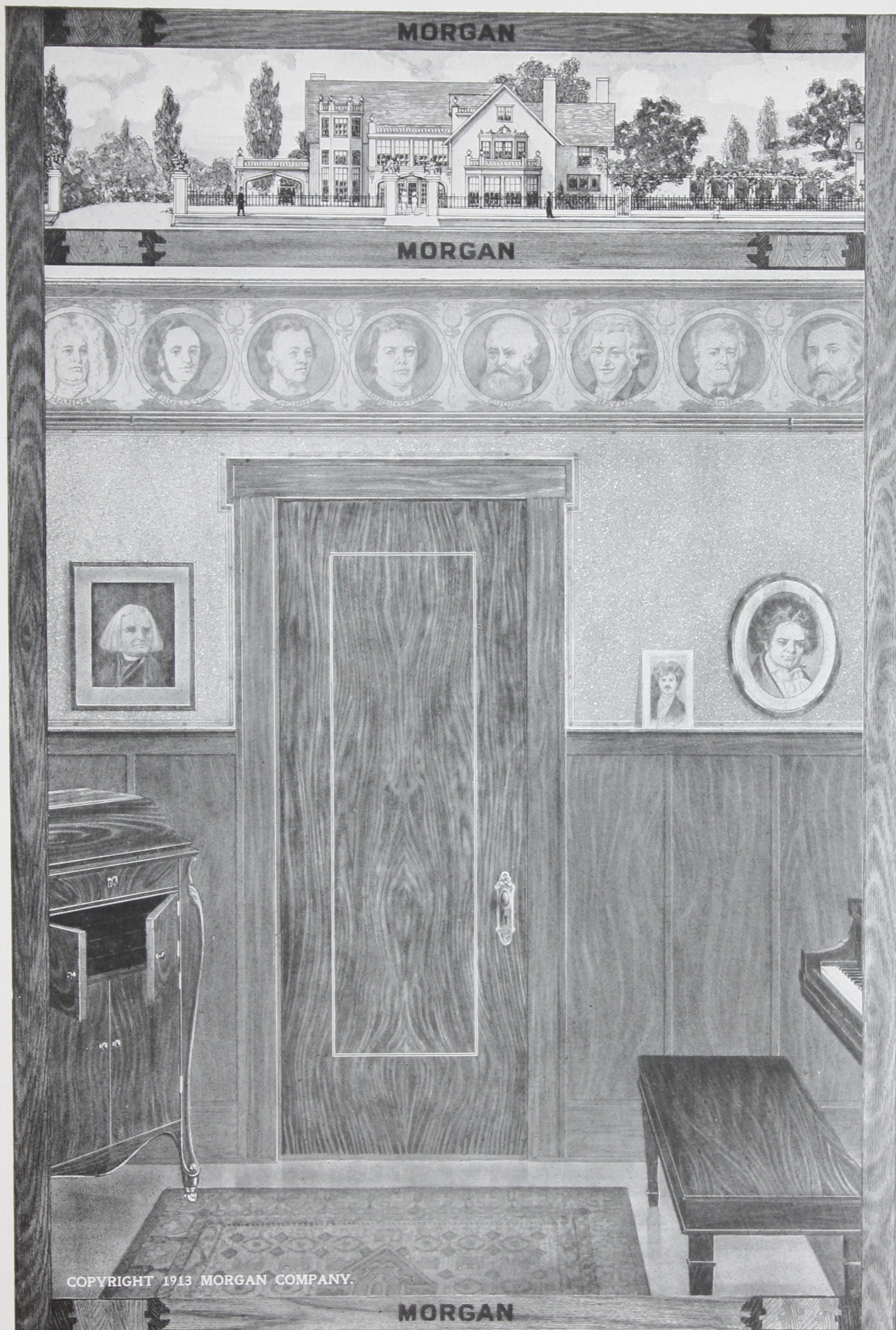




Exterior Door. Design M-49, Plain Red Oak

Built in Different Woods





Sanitary Flush Interior Door with Inlay. Design M-115, Crotch Mahogany  
Built in Different Woods



# Layout of Designs Shown in This Book

## SOLID MOULD DOORS

DESIGN	Stiles Inches	Top Rail Inches	Lock Rail Inches	Bottom Rail Inches	Height to Top Lock Rail Inches	Munts Inches
M-54.....	4 $\frac{7}{8}$	4 $\frac{7}{8}$	4 $\frac{13}{16}$	9	36	4 $\frac{13}{16}$
M-59.....	4 $\frac{7}{8}$	4 $\frac{7}{8}$	8 $\frac{7}{8}$	9		
M-60.....	5 $\frac{1}{2}$	5 $\frac{1}{2}$		12		
M-61.....	5 $\frac{1}{2}$	5 $\frac{1}{2}$		12	60 $\frac{1}{8}$ **	4 $\frac{13}{16}$
M-159.....	4 $\frac{7}{8}$	4 $\frac{7}{8}$	8 $\frac{7}{8}$	9		
M-51.....	4 $\frac{7}{8}$	4 $\frac{7}{8}$	7	9		
M-191.....	4 $\frac{7}{8}$	4 $\frac{7}{8}$	4 $\frac{13}{16}$	9	68 $\frac{1}{2}$ **	4 $\frac{13}{16}$
Craftsman G.....	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{8}$	12	61 $\frac{3}{16}$ **	5 $\frac{3}{8}$
Craftsman H.....	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{8}$	12	61 $\frac{3}{16}$ **	
Craftsman B.....	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{8}$	12	61 $\frac{3}{16}$ **	
Craftsman E.....	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{8}$	12	61 $\frac{3}{16}$ **	5 $\frac{3}{8}$
M-117.....	5 $\frac{1}{2}$	5 $\frac{1}{2}$		12	33 $\frac{1}{2}$	1 $\frac{1}{8}$
Mirror M-88 and M-60.....	5 $\frac{1}{2}$	5 $\frac{1}{2}$		12		
Side Lt. M-189.....	2 $\frac{1}{2}$	7 $\frac{1}{2}$	8 $\frac{7}{8}$	12 $\frac{1}{2}$		
Side Lt. M-139 and M-89.....	2 $\frac{1}{2}$	7 $\frac{1}{2}$		19 $\frac{1}{2}$	37	
Side Lt. Craftsman...	1 $\frac{3}{8}$	1 $\frac{3}{8}$	7	12		
Side Lt. Flush.....	2 $\frac{1}{2}$	2 $\frac{1}{2}$		2 $\frac{1}{2}$		

\*\*Height given is for 7-0 Door. Glass opening always same height.  
All widths of Stiles and Rails given for Solid Mold Doors include the Sticking.

## Flush and Raised Moulded Doors

DESIGN	Stiles Inches	Top Rail Inches	Lock Rail Inches	Bottom Rail Inches	Height to Top of Lock Rail Inches	Fillet Inches	Flush Molded Increases Width to Stiles Inches	Raised Molded Increases Width to Stiles Inches
M-139.....	5 $\frac{3}{8}$	5 $\frac{3}{8}$		18	33 $\frac{3}{8}$		1 $\frac{1}{8}$	1 $\frac{1}{2}$
M-89.....	5 $\frac{3}{8}$	5 $\frac{3}{8}$		18		1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$
M-189.....	5 $\frac{3}{8}$	5 $\frac{3}{8}$	7	12		1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$
M-29.....	5 $\frac{3}{8}$	5 $\frac{3}{8}$		18		Inserted Sash		
M-49.....	5 $\frac{3}{8}$	5 $\frac{3}{8}$		18		Inserted Sash		

The width of the Stiles and Rails given for Molded Doors does not include the width of the Molding.  
The height to top of Lock Rail given includes the width of the Molding.



## Glass Sizes in Inches

	2-6 x 6-6	2-6 x 6-8	2-8 x 6-8	2-10 x 6-10	2-6 x 7-0	2-8 x 7-0	2-10 x 7-0	3-0 x 7-0	3-0 x 7-6	3-0 x 8-0
Crafts. B.....	4 $\frac{1}{4}$ x 8 $\frac{5}{8}$	4 $\frac{1}{4}$ x 8 $\frac{5}{8}$	4 $\frac{3}{4}$ x 8 $\frac{5}{8}$	5 $\frac{1}{4}$ x 8 $\frac{5}{8}$	4 $\frac{1}{4}$ x 8 $\frac{5}{8}$	4 $\frac{3}{4}$ x 8 $\frac{5}{8}$	5 $\frac{1}{4}$ x 8 $\frac{5}{8}$	5 $\frac{3}{4}$ x 8 $\frac{5}{8}$	5 $\frac{3}{4}$ x 8 $\frac{5}{8}$	5 $\frac{3}{4}$ x 8 $\frac{5}{8}$
Crafts. E.....	19 x18	19 x18	21 x18	23 x18	19 x18	21 x18	23 x18	25 x18	25 x18	25 x18
M-117.....	6 $\frac{1}{16}$ x11 $\frac{5}{8}$	6 $\frac{1}{16}$ x12 $\frac{1}{16}$	6 $\frac{11}{16}$ x12 $\frac{1}{16}$	7 $\frac{3}{8}$ x12 $\frac{7}{16}$	6 $\frac{1}{16}$ x12 $\frac{7}{8}$	6 $\frac{11}{16}$ x12 $\frac{7}{8}$	7 $\frac{3}{8}$ x12 $\frac{7}{8}$	8 $\frac{1}{16}$ x12 $\frac{7}{8}$	8 $\frac{1}{16}$ x14 $\frac{1}{16}$	8 $\frac{1}{16}$ x15 $\frac{1}{4}$
M-189.....	16 x38	16 x40	18 x40	20 x42	16 x44	18 x44	20 x44	22 x44	22 x50	22 x56
M-139.....	12 x48	12 x50	14 x50	16 x52	12 x54	14 x54	16 x54	18 x54	18 x60	18 x66
M-9 Center Lt.....	8 $\frac{5}{8}$ x44 $\frac{5}{8}$	8 $\frac{5}{8}$ x46 $\frac{5}{8}$	9 $\frac{5}{8}$ x45 $\frac{5}{8}$	10 $\frac{5}{8}$ x46 $\frac{5}{8}$	8 $\frac{5}{8}$ x50 $\frac{5}{8}$	9 $\frac{5}{8}$ x49 $\frac{5}{8}$	10 $\frac{5}{8}$ x48 $\frac{5}{8}$	11 $\frac{5}{8}$ x47 $\frac{5}{8}$	11 $\frac{5}{8}$ x53 $\frac{5}{8}$	11 $\frac{5}{8}$ x59 $\frac{5}{8}$
M-9 Outer Center Lt.	3 $\frac{15}{16}$ x44 $\frac{5}{8}$	3 $\frac{15}{16}$ x46 $\frac{5}{8}$	4 $\frac{7}{16}$ x45 $\frac{5}{8}$	4 $\frac{15}{16}$ x46 $\frac{5}{8}$	3 $\frac{15}{16}$ x50 $\frac{5}{8}$	4 $\frac{7}{16}$ 49 $\frac{5}{8}$	4 $\frac{15}{16}$ x48 $\frac{5}{8}$	5 $\frac{7}{16}$ x47 $\frac{5}{8}$	5 $\frac{7}{16}$ x53 $\frac{5}{8}$	5 $\frac{7}{16}$ x59 $\frac{5}{8}$
M-9 Top Cent. Lt....	3 $\frac{15}{16}$ x 8 $\frac{5}{8}$	3 $\frac{15}{16}$ x 8 $\frac{5}{8}$	4 $\frac{7}{16}$ x 9 $\frac{5}{8}$	4 $\frac{15}{16}$ x10 $\frac{5}{8}$	3 $\frac{15}{16}$ x 8 $\frac{5}{8}$	4 $\frac{7}{16}$ x 9 $\frac{5}{8}$	4 $\frac{15}{16}$ x10 $\frac{5}{8}$	5 $\frac{7}{16}$ x11 $\frac{5}{8}$	5 $\frac{7}{16}$ x11 $\frac{5}{8}$	5 $\frac{7}{16}$ x 12 $\frac{7}{16}$
M-9 Outer Top Lt....	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	4 $\frac{7}{16}$ x 4 $\frac{7}{16}$	4 $\frac{15}{16}$ x 4 $\frac{15}{16}$	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	4 $\frac{7}{16}$ x 4 $\frac{7}{16}$	4 $\frac{15}{16}$ x 4 $\frac{15}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$
M-29 Cent. Lt.....	8 $\frac{5}{8}$ x44 $\frac{5}{8}$	8 $\frac{5}{8}$ x46 $\frac{5}{8}$	9 $\frac{5}{8}$ x45 $\frac{5}{8}$	10 $\frac{5}{8}$ x46 $\frac{5}{8}$	8 $\frac{5}{8}$ x50 $\frac{5}{8}$	9 $\frac{5}{8}$ x49 $\frac{5}{8}$	10 $\frac{5}{8}$ x48 $\frac{5}{8}$	11 $\frac{5}{8}$ x47 $\frac{5}{8}$	11 $\frac{5}{8}$ x53 $\frac{5}{8}$	11 $\frac{5}{8}$ x59 $\frac{5}{8}$
M-29 Top Cent. Lt...	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	4 $\frac{7}{16}$ x 4 $\frac{7}{16}$	4 $\frac{15}{16}$ x 4 $\frac{15}{16}$	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	4 $\frac{7}{16}$ x 4 $\frac{7}{16}$	4 $\frac{15}{16}$ x 4 $\frac{15}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$
M-29 Outer Top Lt...	3 $\frac{15}{16}$ x 8 $\frac{5}{8}$	3 $\frac{15}{16}$ x 8 $\frac{5}{8}$	4 $\frac{7}{16}$ x9 $\frac{5}{8}$	4 $\frac{15}{16}$ x 10 $\frac{5}{8}$	3 $\frac{15}{16}$ x 8 $\frac{5}{8}$	4 $\frac{7}{16}$ x 9 $\frac{5}{8}$	4 $\frac{15}{16}$ x10 $\frac{5}{8}$	5 $\frac{7}{16}$ x11 $\frac{5}{8}$	5 $\frac{7}{16}$ x11 $\frac{5}{8}$	5 $\frac{7}{16}$ x11 $\frac{5}{8}$
M-29 Outer Cent. Lt..	3 $\frac{15}{16}$ x35 $\frac{5}{16}$	3 $\frac{15}{16}$ x37 $\frac{5}{16}$	4 $\frac{7}{16}$ x35 $\frac{5}{16}$	4 $\frac{15}{16}$ x35 $\frac{5}{16}$	3 $\frac{15}{16}$ x41 $\frac{5}{16}$	4 $\frac{7}{16}$ x39 $\frac{5}{16}$	4 $\frac{15}{16}$ x37 $\frac{5}{16}$	5 $\frac{7}{16}$ x35 $\frac{5}{16}$	5 $\frac{7}{16}$ x41 $\frac{5}{16}$	5 $\frac{7}{16}$ x47 $\frac{5}{16}$
M-49 Top Lts.....	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	4 $\frac{7}{16}$ x 4 $\frac{7}{16}$	4 $\frac{15}{16}$ x 4 $\frac{15}{16}$	3 $\frac{15}{16}$ x 3 $\frac{15}{16}$	4 $\frac{7}{16}$ x 4 $\frac{7}{16}$	4 $\frac{15}{16}$ x 4 $\frac{15}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$	5 $\frac{7}{16}$ x 5 $\frac{7}{16}$
M-49 Bot. Lts.....	3 $\frac{15}{16}$ x39 $\frac{15}{16}$	3 $\frac{15}{16}$ x41 $\frac{15}{16}$	4 $\frac{7}{16}$ x40 $\frac{7}{16}$	4 $\frac{15}{16}$ x40 $\frac{15}{16}$	3 $\frac{15}{16}$ x45 $\frac{15}{16}$	4 $\frac{7}{16}$ x44 $\frac{7}{16}$	4 $\frac{15}{16}$ x42 $\frac{15}{16}$	5 $\frac{7}{16}$ x41 $\frac{7}{16}$	5 $\frac{7}{16}$ 47 $\frac{7}{16}$	5 $\frac{7}{16}$ x53 $\frac{7}{16}$
M-415.....	16 x16	16 x16	16 x16	18 x18	16 x20	16 x20	18 x20	20 x20	20 x26	20 x32
M-418 Upper Lts.....	4 $\frac{1}{4}$ x 4 $\frac{1}{4}$	4 $\frac{1}{4}$ x 4 $\frac{7}{8}$	4 $\frac{7}{8}$ x 4 $\frac{7}{8}$	5 $\frac{9}{16}$ x 5 $\frac{9}{16}$	4 $\frac{1}{4}$ x 6 $\frac{1}{4}$	4 $\frac{7}{8}$ x 6 $\frac{1}{4}$	5 $\frac{9}{16}$ x 6 $\frac{1}{4}$	6 $\frac{1}{4}$ x 6 $\frac{1}{4}$	6 $\frac{1}{4}$ x 8 $\frac{1}{4}$	6 $\frac{1}{4}$ x10 $\frac{1}{4}$
M-418 Lower Lts.....	4 $\frac{1}{4}$ x26	4 $\frac{1}{4}$ x27 $\frac{3}{8}$	4 $\frac{7}{8}$ x27 $\frac{3}{8}$	5 $\frac{9}{16}$ x28 $\frac{3}{4}$	4 $\frac{1}{4}$ x30	4 $\frac{7}{8}$ x30	5 $\frac{9}{16}$ x30	6 $\frac{1}{4}$ x30	6 $\frac{1}{4}$ x34	6 $\frac{1}{4}$ x38
M-715.....	2 $\frac{11}{16}$ x18 $\frac{5}{8}$	2 $\frac{11}{16}$ x19 $\frac{1}{8}$	2 $\frac{15}{16}$ x19 $\frac{1}{8}$	3 $\frac{7}{16}$ x19 $\frac{5}{8}$	2 $\frac{11}{16}$ x20 $\frac{1}{8}$	2 $\frac{15}{16}$ x20 $\frac{1}{8}$	3 $\frac{7}{16}$ x20 $\frac{1}{8}$	3 $\frac{15}{16}$ x20 $\frac{1}{8}$	3 $\frac{15}{16}$ x21 $\frac{5}{8}$	3 $\frac{15}{16}$ x23 $\frac{1}{8}$
M-815 Cent. Lt.....	4 $\frac{1}{4}$ x36	4 $\frac{1}{4}$ x38	4 $\frac{5}{8}$ x38	5 $\frac{5}{16}$ x40	4 $\frac{1}{4}$ x42	4 $\frac{5}{8}$ x42	5 $\frac{5}{16}$ x42	5 $\frac{15}{16}$ x42	5 $\frac{15}{16}$ x48	5 $\frac{15}{16}$ x54
M-815 Outside Lt....	4 $\frac{1}{4}$ x24	4 $\frac{1}{4}$ x26	4 $\frac{5}{8}$ x26	5 $\frac{5}{16}$ x28	4 $\frac{1}{4}$ x30	4 $\frac{5}{8}$ x30	5 $\frac{5}{16}$ x30	5 $\frac{15}{16}$ x30	5 $\frac{15}{16}$ x36	5 $\frac{15}{16}$ x42
M-816 Cent. Lt.....	4 $\frac{1}{4}$ x27	4 $\frac{1}{4}$ x27	4 $\frac{5}{8}$ x27	5 $\frac{5}{16}$ x27	4 $\frac{1}{4}$ x27	4 $\frac{5}{8}$ x27	5 $\frac{5}{16}$ x27	5 $\frac{15}{16}$ x27	5 $\frac{15}{16}$ x27	5 $\frac{15}{16}$ x27
M-816 Outside Lt....	4 $\frac{1}{4}$ x18	4 $\frac{1}{4}$ x18	4 $\frac{5}{8}$ x18	5 $\frac{5}{16}$ x18	4 $\frac{1}{4}$ x18	4 $\frac{5}{8}$ x18	5 $\frac{5}{16}$ x18	5 $\frac{15}{16}$ x18	5 $\frac{15}{16}$ x27	5 $\frac{15}{16}$ x27
M-915.....	3 $\frac{15}{16}$ x22	3 $\frac{15}{16}$ x22	4 $\frac{3}{16}$ x22	4 $\frac{11}{16}$ x22	3 $\frac{15}{16}$ x22	4 $\frac{3}{16}$ x22	4 $\frac{11}{16}$ x22	5 $\frac{3}{16}$ x22	5 $\frac{3}{16}$ x22	5 $\frac{3}{16}$ x22
M-88(M-54 & M-59)..	21 $\frac{1}{4}$ x65	21 $\frac{1}{4}$ x67	23 $\frac{1}{4}$ x67	25 $\frac{1}{4}$ x69	21 $\frac{1}{4}$ x71	23 $\frac{1}{4}$ x71	25 $\frac{1}{4}$ x71	27 $\frac{1}{4}$ x71	27 $\frac{1}{4}$ x77	27 $\frac{1}{4}$ x83
M-88(M-60 & M-61)..	19 $\frac{3}{4}$ x61 $\frac{1}{4}$	19 $\frac{3}{4}$ x63 $\frac{1}{4}$	21 $\frac{3}{4}$ x63 $\frac{1}{4}$	23 $\frac{3}{4}$ x65 $\frac{1}{4}$	19 $\frac{3}{4}$ x67 $\frac{1}{4}$	21 $\frac{3}{4}$ x67 $\frac{1}{4}$	23 $\frac{3}{4}$ x67 $\frac{1}{4}$	25 $\frac{3}{4}$ x67 $\frac{1}{4}$	25 $\frac{3}{4}$ x73 $\frac{1}{4}$	25 $\frac{3}{4}$ x79 $\frac{1}{4}$
M-89.....	16 x52	16 x54	18 x54	20 x56	16 x58	18 x58	20 x58	22 x58	22 x64	22 x70

To insure proper fitting of glass in Oval Light Doors, send for paper templet.

## Glass Sizes of Side Lights in Inches

	1-4 x 6-6	1-4 x 6-8	1-4 x 6-10	1-4 x 7-0	1-4 x 7-6	1-4 x 8-0
Side Lt. M-89.....	12 x52	12 x54	12 x56	12 x58	12 x64	12 x70
Side Lt. M-189.....	12 x38	12 x40	12 x42	12 x44	12 x50	12 x56
Side Lt. M-139.....	8 x48	8 x50	8 x52	8 x54	8 x60	8 x66
Side Lt. Craftsman...	5 $\frac{3}{16}$ x 6 $\frac{3}{16}$	5 $\frac{13}{16}$ x 6 $\frac{9}{16}$	5 $\frac{13}{16}$ x 6 $\frac{15}{16}$	5 $\frac{13}{16}$ x 7 $\frac{3}{8}$	5 $\frac{13}{16}$ x 8 $\frac{9}{16}$	5 $\frac{13}{16}$ x 9 $\frac{3}{4}$
Side Lt. M-715 Top Lt.	5 $\frac{7}{16}$ x 7 $\frac{5}{16}$	5 $\frac{7}{16}$ x 7 $\frac{9}{16}$	5 $\frac{7}{16}$ x 7 $\frac{13}{16}$	5 $\frac{7}{16}$ x 8 $\frac{1}{16}$	5 $\frac{7}{16}$ x 8 $\frac{13}{16}$	5 $\frac{7}{16}$ x 9 $\frac{1}{2}$
Side Lt. M-715 Bot. Lt.	5 $\frac{7}{16}$ x18 $\frac{5}{8}$	5 $\frac{7}{16}$ x19 $\frac{1}{8}$	5 $\frac{7}{16}$ x19 $\frac{5}{8}$	5 $\frac{7}{16}$ x20 $\frac{1}{8}$	5 $\frac{7}{16}$ x21 $\frac{5}{8}$	5 $\frac{7}{16}$ x23 $\frac{1}{8}$



# Specifications for Morgan INTERIOR Door Finishes

For Morgan Exterior door finishing we recommend finishes from M-1 to M-17 inclusive, using Bridgeport Standard Wheeler's Spar Varnish in place of Bridgeport Standard Wheeler's Varnish which is for interior use.

## FINISH M-1.

Plain Oak, Natural Finish.  
Stained with Wheeler's No. 1 Natural Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-2.

Plain Oak, Golden Oak Finish.  
Stained with Bridgeport Standard R Y Golden Oak Penetrating Stain, filled with Wheeler's No. 3 Wood Filler, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-3.

Red Oak, Antique Finish.  
Filled with Wheeler's No. 3 Wood Filler, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-4.

Rotary Cut Oak, Dark Antique.  
Filled with Wheeler's No. 5 Wood Filler, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-5.

Quartered White Oak, Natural Finish.  
Filled with Wheeler's No. 1 Natural Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-6.

Quartered White Oak, Golden Oak Finish.  
Stained with Bridgeport Standard R Y Golden Oak Penetrating Stain, filled with Wheeler's No. 3 Wood Filler, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-7.

Quartered White Oak, Fumed or Craftsman Oak Finish.  
Stained with Bridgeport Standard No. 1158 Fumed Oak Acid Stain, given a thin wash of Bridgeport Standard White Shellac and finished with two coats of Bridgeport Standard Prepared Wax.

## FINISH M-8.

Quartered White Oak, Weathered Oak Finish.  
Stained with Bridgeport Standard Weathered Oak Penetrating Stain and Waxed Finish, filled with Wheeler's No. 10 Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-9.

Birch, Natural Finish.  
Filled with No. 1 Wheeler's Paste Wood Filler, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-10.

Birch, Light Mahogany Finish.  
Stained with Bridgeport Standard Light Mahogany Penetrating Stain, given one coat of Bridgeport Standard Mahogany Primer, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-11.

Birch, Medium Mahogany Finish.  
Stained with Bridgeport Standard Dark Mahogany Penetrating Stain, given one coat of Bridgeport Standard Mahogany Primer and finished with two coats of Bridgeport Standard Wheeler's Interior Finish.

## FINISH M-12.

Birch, Dark Mahogany Finish.  
Stained with Bridgeport Standard Brown Mahogany Penetrating Stain, given one coat of Bridgeport Standard Mahogany Primer and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-13.

Rotary Cut Oak, Green Weathered Oak Finish.  
Stained with Bridgeport Standard Green Weathered Oak Penetrating Stain and Waxed Finish, filled with Wheeler's No. 10 Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-14.

Rotary Oak, Weathered Oak Finish.  
Stained with Bridgeport Standard Weathered Oak Penetrating Stain and Waxed Finish, filled with Wheeler's No. 10 Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-15.

Rotary Cut Oak, Early English Finish.  
Stained with Bridgeport Standard No. 5000 G Early English Penetrating Stain, filled with Wheeler's No. 10 Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-16.

Rotary Oak, Golden Oak Finish.  
Stained with Bridgeport Standard R Y Golden Oak Penetrating Stain, filled with Wheeler's No. 3 Wood Filler, finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-17.

Quartered White Oak, Early English Finish.  
Stained with Bridgeport Standard No. 5000 G Early English Penetrating Stain, filled with Wheeler's No. 10 Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-18.

Rotary Ash, Natural Finish.  
Filled with Wheeler's No. 1 Natural Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-19.

Rotary Ash, Antique Finish.  
Filled with Wheeler's No. 3 Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Varnish.

## FINISH M-20.

Rotary Ash, Medium Golden Oak Finish.  
Filled with Wheeler's No. 5 Wood Filler, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-21.

Mahogany, Light Mahogany Finish.  
Filled with Wheeler's Mahogany N Wood Filler, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-22.

Mahogany, Natural Finish.  
Filled with Wheeler's No. 7 Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-23.

Mahogany, Medium Mahogany Finish.  
Stained with Bridgeport Standard Mahogany Acid Stain, filled with Wheeler's Mahogany N Wood Filler and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-24.

Mahogany, Dark Mahogany Finish.  
Stained with Bridgeport Standard No. 3000 A Dark Mahogany Acid Stain, filled with Wheeler's Mahogany N Wood Filler, and finished with two coats of Bridgeport Standard Wheeler's Interior Varnish.

## FINISH M-25.

White Enamel (Not Illustrated).  
Apply a coat of White Lead in oil, thinned with two-thirds oil and one-third turpentine, two coats of Bridgeport Standard Enamel Undercoating and two coats of Bridgeport Standard Wheeler's White Enamel.



## ARTICLES FOR FINISHING

**Wheeler's Wood Filler** In order to procure a perfectly smooth and elastic finish it is necessary that the door be properly prepared—the pores must be filled and the foundation must be right, else there cannot be a successful finish. This is the function of **Wheeler's Wood Filler** to give a perfectly smooth, elastic and transparent surface. **Wheeler's Wood Filler** is considered by experts to be the best filler made. It is hard, firmly fixed and transparent, does not shrink, sweat or absorb the varnish. These are qualities to be considered when cheap substitutes are offered. It is spendthrift economy to risk the finish of your door by using an inferior finish.

**Bridgeport Standard Wheeler's Silex Liquid Wood Filler** This liquid wood filler comes prepared, ready for use. It is used in the place of Wheeler's Paste Wood Filler on close grained woods. It brings out the life and beauty in the grain of the wood, producing with varnish the desired natural finish. The wood remains transparent and does not darken with age. This is one of the characteristics of this wood filler.

**Bridgeport Standard Penetrating Stains and Waxed Finishes** These stains develop the natural beauty of the wood and emphasize Nature's artistic markings, producing the popular mission finishes with one coat. They do not raise the grain of the wood, but penetrate deeply and thus hold their color well.

**Bridgeport Standard Breinig's Penetrating Stains** This class of stain is used for coloring various kinds of woods. They are not intended for use as a one-coat finish, but invariably should be finished by filling over with the proper shade of **Wheeler's Paste Wood Filler**, excepting when the mahogany shades are used, over which a coat of **Bridgeport Standard Mahogany Primer** should be applied.

**Bridgeport Standard Acid Stains** This class of stains is made in special shades for producing on wood peculiar and distinctive effects not possible to obtain with penetrating stains, such as the new fumed oak shades and the darker shades of mahogany.

**Bridgeport Standard Wheeler's Varnishes** The subject of the varnish to be used on **Morgan Doors** is most important. With the foundation properly prepared by the use of **Wheeler's Wood Filler** and **Bridgeport Standard Stains**, it is most necessary that the job be completed with a varnish of the highest type. Most all varnish looks alike in the can and even when freshly applied may look about the same, but after the work has been finished for a period, the truth will out and you will know whether you have applied a good, bad or indifferent varnish to your work. Considering that labor forms the greatest cost of a varnish job, it costs but little more to use a reputable high-grade varnish. **Bridgeport Standard Wheeler's Varnish** is made from selected gums and will stand the test of time, wind and weather, and should be used on all **Morgan Doors**.

**Bridgeport Standard Prepared Wax** This is used in the place of a varnish where a wax finish is desired. It is especially adapted for use over fumed oak and mission finishes.

**Bridgeport Standard Wonder Lac** Produces a dull, beautiful effect and is damp proof. Especially adapted for use over gray and fumed oak acid stains, as it will not change the shades as shellac will do.

**Often Times You Have a Special Color Scheme to Carry Out** and in order to procure most effective results it is necessary to obtain a finish of a peculiar shade. We are able to furnish our customers with any shade that they may desire, provided that we may have a working panel to match to.

On the color insert pages we have shown twenty-four panels illustrating various woods finished in the most popular shades of the present times. The panels used in making up these illustrations were very small, and therefore do not show the beautiful graining, nor is it possible to illustrate the real beauty of the different tints which one would see in a finished door. Yet we have tried to give as close a representation of these panels as is possible, and we trust that our customers will take these points into consideration when selecting the finish.

We therefore specify **Bridgeport Standard Wood Finishing Products** only, for use on **Morgan Doors**, and if these products are used according to the directions which are on every package the finish obtained will not only be of the highest perfection, but permanent.



## MODERN FINISHING FOR MORGAN DOORS

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### GENERAL

**T**HE art of wood finishing has been brought to a high state of perfection and it is now possible to obtain in an economical manner a great variety of beautiful and artistic effects on all kinds of wood, provided the right finishing material is used.

Nature has deftly outlined the grain of the wood with peculiar markings, some so faint as to be lost to the naked or untrained eye, yet others more pronounced. The art of wood finishing is the development of these markings, the bringing out of their latent beauty and preserving the wood with a permanent finish. The decorative value of finished wood work, which retains its beauty permanently, is appreciated more today than ever before. It is astonishing what beautiful, inexpensive, and decorative effects may now be obtained on all woods ranging from ordinary pine to the finest oak.

The finishing of Morgan Doors is most important. Morgan Doors are the best that skill, experience and infinite care can produce. We are proud of Morgan Doors and that is why we have given special attention to the subject of finishing and treatment of our doors after they leave our hands. We firmly believe that the best results in treating and finishing Morgan Doors will be obtained by using Bridgeport Standard Wood Finishing Products only. We know the product of the Bridgeport Wood Finishing Co., and in specifying their finishes we are giving to our customers the experience of a company who have been in the wood finishing business for over forty years.







